

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021524\
 Data File : VN081045.D
 Acq On : 15 Feb 2024 17:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/16/2024
 Supervised By : Mahesh Dadoda 02/16/2024

Quant Time: Feb 16 00:26:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:59:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	529759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	906982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	815979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	331540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	299379	45.944	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.880%		
35) Dibromofluoromethane	8.165	113	252290	48.515	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.040%		
50) Toluene-d8	10.571	98	903554	49.267	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.540%		
62) 4-Bromofluorobenzene	12.853	95	346701	55.584	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	342571	50.420	ug/l	95
3) Chloromethane	2.359	50	392681	47.883	ug/l	95
4) Vinyl Chloride	2.512	62	350629	49.138	ug/l	98
5) Bromomethane	2.948	94	170660	47.402	ug/l	94
6) Chloroethane	3.118	64	214415	46.736	ug/l	97
7) Trichlorofluoromethane	3.495	101	518565	51.629	ug/l	98
8) Diethyl Ether	3.959	74	191379	48.059	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	285925	48.239	ug/l #	89
10) Methyl Iodide	4.583	142	263960	43.853	ug/l	98
11) Tert butyl alcohol	5.512	59	292935	250.622	ug/l	99
12) 1,1-Dichloroethene	4.342	96	271914	47.095	ug/l	88
13) Acrolein	4.171	56	266761	288.679	ug/l	98
14) Allyl chloride	5.018	41	402085	42.762	ug/l #	89
15) Acrylonitrile	5.718	53	709436	236.988	ug/l	97
16) Acetone	4.424	43	505929	198.337	ug/l	98
17) Carbon Disulfide	4.712	76	740346	44.255	ug/l #	95
18) Methyl Acetate	5.018	43	322113	47.944	ug/l	93
19) Methyl tert-butyl Ether	5.789	73	950262	47.167	ug/l	96
20) Methylene Chloride	5.277	84	312420	47.021	ug/l	89
21) trans-1,2-Dichloroethene	5.783	96	291774	45.966	ug/l	96
22) Diisopropyl ether	6.665	45	962728	46.810	ug/l #	92
23) Vinyl Acetate	6.600	43	3936817	237.489	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	543549	47.393	ug/l	96
25) 2-Butanone	7.483	43	904560	218.431	ug/l	97
26) 2,2-Dichloropropane	7.489	77	511158	48.427	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	350291	47.749	ug/l	90
28) Bromochloromethane	7.818	49	207300	44.771	ug/l #	64
29) Tetrahydrofuran	7.836	42	620614	233.189	ug/l #	88
30) Chloroform	7.965	83	567086	46.073	ug/l	99
31) Cyclohexane	8.259	56	497244	43.927	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	524826	48.289	ug/l	92
36) 1,1-Dichloropropene	8.371	75	431340	49.714	ug/l	96
37) Ethyl Acetate	7.559	43	391450	49.320	ug/l	99
38) Carbon Tetrachloride	8.359	117	443078	69.767	ug/l	95
39) Methylcyclohexane	9.600	83	490860	45.985	ug/l	90
40) Benzene	8.606	78	1278538	49.830	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021524\
 Data File : VN081045.D
 Acq On : 15 Feb 2024 17:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/16/2024
 Supervised By : Mahesh Dadoda 02/16/2024

Quant Time: Feb 16 00:26:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:59:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	232866	48.332	ug/l	96
42) 1,2-Dichloroethane	8.671	62	437970	48.089	ug/l	100
43) Isopropyl Acetate	8.688	43	696960	46.870	ug/l #	95
44) Trichloroethene	9.353	130	333770	43.920	ug/l	97
45) 1,2-Dichloropropane	9.624	63	315520	49.712	ug/l	99
46) Dibromomethane	9.706	93	223373	49.859	ug/l #	89
47) Bromodichloromethane	9.888	83	452460	51.531	ug/l #	95
48) Methyl methacrylate	9.682	41	322517	46.066	ug/l	90
49) 1,4-Dioxane	9.694	88	129465	1085.497	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	2042166	246.256	ug/l	96
52) Toluene	10.630	92	821839	51.277	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	520609	50.327	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	549113	50.192	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	319237	52.967	ug/l	96
56) Ethyl methacrylate	10.877	69	501951	50.864	ug/l	89
57) 1,3-Dichloropropane	11.165	76	547175	50.819	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1183215	241.633	ug/l #	88
59) 2-Hexanone	11.194	43	1532520	251.628	ug/l	97
60) Dibromochloromethane	11.359	129	343581	59.951	ug/l	99
61) 1,2-Dibromoethane	11.471	107	326773	51.563	ug/l	96
64) Tetrachloroethene	11.106	164	293235	35.250	ug/l	93
65) Chlorobenzene	11.894	112	872495	50.992	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	319779	54.285	ug/l	97
67) Ethyl Benzene	11.965	91	1618915	50.187	ug/l	100
68) m/p-Xylenes	12.071	106	1233890	103.726	ug/l	97
69) o-Xylene	12.400	106	598346	51.863	ug/l	98
70) Styrene	12.412	104	1006027	54.711	ug/l	97
71) Bromoform	12.582	173	212895	71.036	ug/l #	93
73) Isopropylbenzene	12.700	105	1573033	46.960	ug/l	98
74) N-amyl acetate	12.494	43	694845	45.087	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	376175	45.754	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	368813m	50.345	ug/l	
77) Bromobenzene	12.982	156	340350	50.164	ug/l	75
78) n-propylbenzene	13.035	91	1845480	48.281	ug/l	96
79) 2-Chlorotoluene	13.123	91	1072019	48.557	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	1270375	48.882	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	156796	49.824	ug/l	93
82) 4-Chlorotoluene	13.223	91	1065962	49.964	ug/l	96
83) tert-Butylbenzene	13.441	119	1068507	48.012	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	1257790	50.231	ug/l	97
85) sec-Butylbenzene	13.618	105	1511409	49.503	ug/l	94
86) p-Isopropyltoluene	13.729	119	1215161	49.492	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	581105	50.366	ug/l	95
88) 1,4-Dichlorobenzene	13.818	146	574327	48.178	ug/l	97
89) n-Butylbenzene	14.059	91	1044155	46.459	ug/l	97
90) Hexachloroethane	14.335	117	161769	140.597	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	536926	48.007	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	74457	44.365	ug/l	73
93) 1,2,4-Trichlorobenzene	15.394	180	307700	45.923	ug/l	100
94) Hexachlorobutadiene	15.506	225	112497	40.595	ug/l	93
95) Naphthalene	15.641	128	1061882	44.547	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	300223	45.723	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021524\
Data File : VN081045.D
Acq On : 15 Feb 2024 17:43
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

Quant Time: Feb 16 00:26:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 07:59:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021524\
Data File : VN081045.D
Acq On : 15 Feb 2024 17:43
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Feb 16 00:26:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 07:59:19 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

