

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032624\
 Data File : VN081579.D
 Acq On : 26 Mar 2024 16:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/27/2024
 Supervised By : Mahesh Dadoda 03/27/2024

Quant Time: Mar 27 04:37:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	365983	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	627521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	561497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	284080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	229914	49.261	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.520%		
35) Dibromofluoromethane	8.165	113	208026	52.528	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.060%		
50) Toluene-d8	10.565	98	734376	51.298	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.600%		
62) 4-Bromofluorobenzene	12.847	95	271493	53.821	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	107.640%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	235518	47.792	ug/l	96
3) Chloromethane	2.359	50	242519	49.428	ug/l	97
4) Vinyl Chloride	2.518	62	283199	51.431	ug/l	93
5) Bromomethane	2.953	94	197722	50.773	ug/l	88
6) Chloroethane	3.124	64	199586	52.791	ug/l	96
7) Trichlorofluoromethane	3.500	101	440116	53.630	ug/l	95
8) Diethyl Ether	3.959	74	151073	55.625	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.371	101	257284	55.176	ug/l	90
10) Methyl Iodide	4.583	142	264480	56.956	ug/l	98
11) Tert butyl alcohol	5.512	59	233381	286.937	ug/l	99
12) 1,1-Dichloroethene	4.347	96	231955	53.703	ug/l	83
13) Acrolein	4.177	56	211709	290.075	ug/l	96
14) Allyl chloride	5.024	41	325421	60.127	ug/l	# 93
15) Acrylonitrile	5.712	53	551528	253.468	ug/l	98
16) Acetone	4.424	43	369662	245.078	ug/l	94
17) Carbon Disulfide	4.712	76	590458	47.638	ug/l	98
18) Methyl Acetate	5.018	43	255705	54.988	ug/l	# 86
19) Methyl tert-butyl Ether	5.794	73	782036	57.854	ug/l	97
20) Methylene Chloride	5.277	84	268900	54.424	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	264109	54.842	ug/l	89
22) Diisopropyl ether	6.665	45	739310	58.790	ug/l	# 92
23) Vinyl Acetate	6.600	43	2769424	276.672	ug/l	# 88
24) 1,1-Dichloroethane	6.565	63	468647	55.640	ug/l	95
25) 2-Butanone	7.483	43	641693	248.033	ug/l	# 84
26) 2,2-Dichloropropane	7.488	77	437859	59.937	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	311235	57.119	ug/l	85
28) Bromochloromethane	7.812	49	161845	47.176	ug/l	# 49
29) Tetrahydrofuran	7.835	42	435682	249.981	ug/l	# 78
30) Chloroform	7.965	83	522236	57.918	ug/l	96
31) Cyclohexane	8.253	56	370889	48.834	ug/l	# 74
32) 1,1,1-Trichloroethane	8.165	97	464329	56.760	ug/l	# 90
36) 1,1-Dichloropropene	8.371	75	367227	55.100	ug/l	94
37) Ethyl Acetate	7.559	43	279464	48.969	ug/l	96
38) Carbon Tetrachloride	8.359	117	409820	56.133	ug/l	100
39) Methylcyclohexane	9.600	83	420885	56.550	ug/l	# 85
40) Benzene	8.606	78	1112681	57.105	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032624\
 Data File : VN081579.D
 Acq On : 26 Mar 2024 16:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/27/2024
 Supervised By : Mahesh Dadoda 03/27/2024

Quant Time: Mar 27 04:37:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	155060	51.377	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	372723	54.356	ug/l	96
43) Isopropyl Acetate	8.688	43	489963	51.794	ug/l #	90
44) Trichloroethene	9.353	130	307366	56.087	ug/l	94
45) 1,2-Dichloropropane	9.624	63	274083	58.041	ug/l	100
46) Dibromomethane	9.712	93	200779	55.987	ug/l #	88
47) Bromodichloromethane	9.888	83	410349	58.525	ug/l #	99
48) Methyl methacrylate	9.682	41	226934	52.010	ug/l #	81
49) 1,4-Dioxane	9.694	88	105066	1001.993	ug/l #	66
51) 4-Methyl-2-Pentanone	10.447	43	1468472	254.396	ug/l	91
52) Toluene	10.629	92	706420	57.041	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	438680	57.941	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	468598	57.727	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	277430	55.664	ug/l	95
56) Ethyl methacrylate	10.871	69	392756	52.626	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	467336	57.199	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	884678	282.099	ug/l #	84
59) 2-Hexanone	11.194	43	1081201	253.341	ug/l	90
60) Dibromochloromethane	11.359	129	319159	58.228	ug/l	97
61) 1,2-Dibromoethane	11.471	107	291332	57.334	ug/l	100
64) Tetrachloroethene	11.106	164	306643	57.133	ug/l	91
65) Chlorobenzene	11.894	112	778038	58.615	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	296107	60.189	ug/l	96
67) Ethyl Benzene	11.965	91	1366307	59.257	ug/l	97
68) m/p-Xylenes	12.071	106	1080937	125.052	ug/l	93
69) o-Xylene	12.400	106	518229	61.069	ug/l	95
70) Styrene	12.412	104	876602	64.050	ug/l	96
71) Bromoform	12.582	173	213875	57.853	ug/l #	95
73) Isopropylbenzene	12.694	105	1367037	56.454	ug/l	97
74) N-amyl acetate	12.494	43	447346	51.048	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	355331	49.909	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	326459m	48.042	ug/l	
77) Bromobenzene	12.982	156	320912	53.648	ug/l	70
78) n-propylbenzene	13.035	91	1646414	57.573	ug/l	94
79) 2-Chlorotoluene	13.123	91	944310	55.172	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	1161217	58.059	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	149686	59.526	ug/l	90
82) 4-Chlorotoluene	13.223	91	953417	56.501	ug/l	92
83) tert-Butylbenzene	13.441	119	981303	56.896	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	1174747	58.439	ug/l	95
85) sec-Butylbenzene	13.617	105	1453541	58.954	ug/l	93
86) p-Isopropyltoluene	13.729	119	1224081	60.735	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	628167	57.156	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	626133	55.020	ug/l	96
89) n-Butylbenzene	14.059	91	1066012	59.648	ug/l	97
90) Hexachloroethane	14.335	117	215728	56.518	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	599503	56.673	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	73026	48.196	ug/l	66
93) 1,2,4-Trichlorobenzene	15.394	180	349684	57.171	ug/l	98
94) Hexachlorobutadiene	15.506	225	140856	52.487	ug/l	97
95) Naphthalene	15.641	128	1113556	56.186	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	342855	55.728	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032624\
Data File : VN081579.D
Acq On : 26 Mar 2024 16:11
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024

Quant Time: Mar 27 04:37:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

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

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

