

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
 Data File : VN081108.D
 Acq On : 21 Feb 2024 10:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 22 04:42:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/22/2024
 Supervised By : Semsettin Yesilyurt 02/22/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	376687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	683521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	604791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	282606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	239610	51.896	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.800%			
35) Dibromofluoromethane	8.165	113	206875	53.524	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.040%			
50) Toluene-d8	10.565	98	681068	49.612	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.220%			
62) 4-Bromofluorobenzene	12.853	95	258873	50.186	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	260536	53.482	ug/l	94
3) Chloromethane	2.365	50	245569	46.105	ug/l	98
4) Vinyl Chloride	2.518	62	270184	49.932	ug/l	92
5) Bromomethane	2.965	94	192332	50.044	ug/l	89
6) Chloroethane	3.124	64	179429	51.309	ug/l	98
7) Trichlorofluoromethane	3.506	101	402800	50.955	ug/l	95
8) Diethyl Ether	3.959	74	162429	56.201	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	227361	51.593	ug/l	91
10) Methyl Iodide	4.595	142	277192	56.352	ug/l	98
11) Tert butyl alcohol	5.518	59	219545	258.559	ug/l	98
12) 1,1-Dichloroethene	4.342	96	219615	51.555	ug/l	90
13) Acrolein	4.183	56	144946	318.490	ug/l	96
14) Allyl chloride	5.024	41	343217	54.301	ug/l #	91
15) Acrylonitrile	5.718	53	573483	258.606	ug/l	98
16) Acetone	4.430	43	281238	154.804	ug/l	98
17) Carbon Disulfide	4.718	76	576187	48.494	ug/l #	94
18) Methyl Acetate	5.018	43	261959	59.108	ug/l	94
19) Methyl tert-butyl Ether	5.789	73	820114	56.211	ug/l	97
20) Methylene Chloride	5.283	84	263606	56.203	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	242007	50.920	ug/l	92
22) Diisopropyl ether	6.671	45	824284	57.490	ug/l #	94
23) Vinyl Acetate	6.600	43	3257677	280.041	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	458856	55.348	ug/l	95
25) 2-Butanone	7.483	43	616232	209.960	ug/l	94
26) 2,2-Dichloropropane	7.494	77	418398	53.862	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	299459	54.231	ug/l	89
28) Bromochloromethane	7.812	49	180201	52.431	ug/l #	62
29) Tetrahydrofuran	7.836	42	480979	245.492	ug/l #	88
30) Chloroform	7.965	83	492677	55.902	ug/l	98
31) Cyclohexane	8.259	56	377495	47.351	ug/l #	77
32) 1,1,1-Trichloroethane	8.171	97	422836	52.680	ug/l	94
36) 1,1-Dichloropropene	8.371	75	347863	52.533	ug/l	95
37) Ethyl Acetate	7.559	43	306357	51.263	ug/l	97
38) Carbon Tetrachloride	8.365	117	371251	55.415	ug/l	98
39) Methylcyclohexane	9.600	83	409630	53.067	ug/l	90
40) Benzene	8.606	78	1058099	55.205	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
 Data File : VN081108.D
 Acq On : 21 Feb 2024 10:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/22/2024
 Supervised By :Semsettin Yesilyurt 02/22/2024

Quant Time: Feb 22 04:42:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	175327	51.549	ug/l	95
42) 1,2-Dichloroethane	8.671	62	369571	55.268	ug/l	97
43) Isopropyl Acetate	8.688	43	581189	55.606	ug/l #	96
44) Trichloroethene	9.353	130	272861	53.451	ug/l	96
45) 1,2-Dichloropropane	9.624	63	275504	57.463	ug/l	97
46) Dibromomethane	9.706	93	193916	55.511	ug/l #	90
47) Bromodichloromethane	9.888	83	391502	59.174	ug/l #	96
48) Methyl methacrylate	9.677	41	263529	54.186	ug/l	90
49) 1,4-Dioxane	9.700	88	80620	896.698	ug/l #	70
51) 4-Methyl-2-Pentanone	10.447	43	1574958	261.947	ug/l	95
52) Toluene	10.629	92	657800	54.212	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	433853	59.010	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	465915	58.654	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	267298	57.275	ug/l	92
56) Ethyl methacrylate	10.877	69	403645	56.592	ug/l	88
57) 1,3-Dichloropropane	11.165	76	456181	56.532	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	879215	245.678	ug/l #	88
59) 2-Hexanone	11.194	43	1082470	227.089	ug/l	95
60) Dibromochloromethane	11.359	129	286006	57.688	ug/l	100
61) 1,2-Dibromoethane	11.471	107	272269	55.479	ug/l	97
64) Tetrachloroethene	11.106	164	220191	53.345	ug/l	95
65) Chlorobenzene	11.894	112	706741	53.993	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	268053	57.015	ug/l	97
67) Ethyl Benzene	11.965	91	1257488	53.687	ug/l	97
68) m/p-Xylenes	12.071	106	956365	106.525	ug/l	96
69) o-Xylene	12.400	106	475044	53.380	ug/l	95
70) Styrene	12.412	104	781787	55.438	ug/l	97
71) Bromoform	12.582	173	179313	60.116	ug/l #	98
73) Isopropylbenzene	12.694	105	1219023	49.301	ug/l	97
74) N-amyl acetate	12.494	43	500863	47.929	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	345410	49.680	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	293600m	45.725	ug/l	
77) Bromobenzene	12.982	156	278406	50.498	ug/l	74
78) n-propylbenzene	13.035	91	1442121	50.664	ug/l	96
79) 2-Chlorotoluene	13.123	91	851594	48.776	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	1019449	50.851	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	138708	55.602	ug/l #	73
82) 4-Chlorotoluene	13.223	91	865914	50.723	ug/l	95
83) tert-Butylbenzene	13.441	119	871981	50.302	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	1025717	51.344	ug/l	94
85) sec-Butylbenzene	13.617	105	1244854	51.656	ug/l	94
86) p-Isopropyltoluene	13.729	119	1043520	52.132	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	536953	51.546	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	524830	51.274	ug/l	97
89) n-Butylbenzene	14.059	91	941306	53.978	ug/l	97
90) Hexachloroethane	14.335	117	177486	53.642	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	515543	51.313	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	72180	49.933	ug/l	79
93) 1,2,4-Trichlorobenzene	15.394	180	314715	56.148	ug/l	99
94) Hexachlorobutadiene	15.506	225	113338	54.218	ug/l	95
95) Naphthalene	15.641	128	1076202	52.395	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	308273	55.440	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
Data File : VN081108.D
Acq On : 21 Feb 2024 10:02
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

Quant Time: Feb 22 04:42:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

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

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

