

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041624\
 Data File : VN081747.D
 Acq On : 16 Apr 2024 10:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2024
 Supervised By : Mahesh Dadoda 04/17/2024

Quant Time: Apr 17 03:19:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	293491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	522967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	496176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	239146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	211961	51.324	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.640%			
35) Dibromofluoromethane	8.165	113	174799	50.617	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.240%			
50) Toluene-d8	10.571	98	644646	50.671	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.340%			
62) 4-Bromofluorobenzene	12.853	95	242945	55.882	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 111.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	160981	43.311	ug/l	99
3) Chloromethane	2.359	50	156311	49.698	ug/l	99
4) Vinyl Chloride	2.512	62	242149	53.232	ug/l	97
5) Bromomethane	2.948	94	133764	48.668	ug/l	99
6) Chloroethane	3.118	64	121366	44.450	ug/l	99
7) Trichlorofluoromethane	3.495	101	259232	44.130	ug/l	100
8) Diethyl Ether	3.959	74	95899	46.506	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	146810	39.902	ug/l	99
10) Methyl Iodide	4.583	142	131097	66.385	ug/l	99
11) Tert butyl alcohol	5.512	59	153717	272.858	ug/l	100
12) 1,1-Dichloroethene	4.342	96	140150	40.192	ug/l	88
13) Acrolein	4.177	56	154068	257.257	ug/l	100
14) Allyl chloride	5.024	41	193625	43.753	ug/l	99
15) Acrylonitrile	5.718	53	378937	243.735	ug/l	99
16) Acetone	4.424	43	268259	233.380	ug/l	99
17) Carbon Disulfide	4.712	76	394583	38.932	ug/l	98
18) Methyl Acetate	5.024	43	154095	47.930	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	527763	52.001	ug/l	100
20) Methylene Chloride	5.271	84	166719	48.994	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	157328	44.921	ug/l	98
22) Diisopropyl ether	6.671	45	474590	49.281	ug/l	98
23) Vinyl Acetate	6.600	43	2013915m	267.907	ug/l	
24) 1,1-Dichloroethane	6.571	63	286850	45.271	ug/l	97
25) 2-Butanone	7.483	43	479939	253.278	ug/l	95
26) 2,2-Dichloropropane	7.489	77	258484	46.798	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	200416	46.778	ug/l	99
28) Bromochloromethane	7.812	49	124324	45.958	ug/l	95
29) Tetrahydrofuran	7.836	42	335392	273.578	ug/l	99
30) Chloroform	7.965	83	319184	44.424	ug/l	92
31) Cyclohexane	8.259	56	230262	40.644	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	287642	45.147	ug/l	99
36) 1,1-Dichloropropene	8.371	75	212358	44.136	ug/l	99
37) Ethyl Acetate	7.559	43	207201	52.407	ug/l	99
38) Carbon Tetrachloride	8.359	117	250884	44.818	ug/l	99
39) Methylcyclohexane	9.600	83	257805	45.482	ug/l	98
40) Benzene	8.606	78	682303	45.524	ug/l	97

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41) Methacrylonitrile	7.777	41	112145	52.252	ug/l	99
42) 1,2-Dichloroethane	8.671	62	241908	46.301	ug/l	99
43) Isopropyl Acetate	8.688	43	360575	48.884	ug/l	99
44) Trichloroethene	9.353	130	176143	45.193	ug/l	99
45) 1,2-Dichloropropane	9.624	63	164511	47.608	ug/l	97
46) Dibromomethane	9.712	93	133011	46.119	ug/l	99
47) Bromodichloromethane	9.888	83	263274	47.787	ug/l	97
48) Methyl methacrylate	9.683	41	160068	53.243	ug/l	99
49) 1,4-Dioxane	9.700	88	81466	1080.444	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	1086818	264.908	ug/l	100
52) Toluene	10.630	92	454874	47.780	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	277802	50.618	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	288072	49.274	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	174614	48.825	ug/l	98
56) Ethyl methacrylate	10.877	69	275005	55.887	ug/l	99
57) 1,3-Dichloropropane	11.165	76	292222	48.816	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	710468	272.874	ug/l	100
59) 2-Hexanone	11.200	43	821278	276.531	ug/l	99
60) Dibromochloromethane	11.359	129	218837	50.626	ug/l	98
61) 1,2-Dibromoethane	11.471	107	184251	49.391	ug/l	99
64) Tetrachloroethene	11.106	164	182513	43.355	ug/l	96
65) Chlorobenzene	11.894	112	510002	44.670	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	178485	45.826	ug/l	99
67) Ethyl Benzene	11.965	91	862200	47.976	ug/l	98
68) m/p-Xylenes	12.071	106	688397	98.505	ug/l	99
69) o-Xylene	12.400	106	338856	50.596	ug/l	99
70) Styrene	12.412	104	575454	52.448	ug/l	99
71) Bromoform	12.582	173	147937	49.225	ug/l #	99
73) Isopropylbenzene	12.700	105	849546	47.373	ug/l	98
74) N-amyl acetate	12.494	43	328482	50.329	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	230585	43.765	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	221408m	50.920	ug/l	
77) Bromobenzene	12.982	156	207053	45.287	ug/l	98
78) n-propylbenzene	13.035	91	989115	47.531	ug/l	99
79) 2-Chlorotoluene	13.129	91	602960	46.484	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	702088	47.927	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	106428	54.454	ug/l	93
82) 4-Chlorotoluene	13.223	91	599015	46.746	ug/l	99
83) tert-Butylbenzene	13.441	119	602592	46.965	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	727020	49.200	ug/l	99
85) sec-Butylbenzene	13.618	105	841906	47.022	ug/l	100
86) p-Isopropyltoluene	13.729	119	716387	48.815	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	389048	45.528	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	385338	44.221	ug/l	98
89) n-Butylbenzene	14.059	91	619463	48.278	ug/l	99
90) Hexachloroethane	14.335	117	133944	42.876	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	371619	44.931	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	51968	53.264	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	214727	49.285	ug/l	99
94) Hexachlorobutadiene	15.506	225	78692	41.899	ug/l	99
95) Naphthalene	15.641	128	786447	56.498	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	214851	48.232	ug/l	96

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

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