

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062824\
 Data File : VN082741.D
 Acq On : 28 Jun 2024 10:21
 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 07/01/2024
 Supervised By : Mahesh Dadoda 07/01/2024

Quant Time: Jun 28 23:01:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	115527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	200701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	187794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	91394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	88696	49.784	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.560%		
35) Dibromofluoromethane	8.165	113	69011	52.225	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.460%		
50) Toluene-d8	10.565	98	261024	52.820	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.640%		
62) 4-Bromofluorobenzene	12.847	95	90240	53.173	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	106.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	81630	46.286	ug/l	96
3) Chloromethane	2.359	50	81590	44.201	ug/l	97
4) Vinyl Chloride	2.512	62	86138	44.040	ug/l	98
5) Bromomethane	2.954	94	53082	38.146	ug/l	95
6) Chloroethane	3.118	64	56504	40.957	ug/l	97
7) Trichlorofluoromethane	3.495	101	110659	45.642	ug/l	93
8) Diethyl Ether	3.959	74	36973	48.759	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	63992	46.264	ug/l	98
10) Methyl Iodide	4.595	142	65065	51.301	ug/l	95
11) Tert butyl alcohol	5.518	59	57460	201.914	ug/l	99
12) 1,1-Dichloroethene	4.342	96	59113	45.815	ug/l	95
13) Acrolein	4.183	56	43285	250.032	ug/l	98
14) Allyl chloride	5.024	41	103890	53.590	ug/l	90
15) Acrylonitrile	5.718	53	166103	219.427	ug/l	100
16) Acetone	4.424	43	144610	214.236	ug/l	98
17) Carbon Disulfide	4.712	76	180164	42.634	ug/l	99
18) Methyl Acetate	5.024	43	75022	41.808	ug/l	92
19) Methyl tert-butyl Ether	5.795	73	205707	48.085	ug/l	99
20) Methylene Chloride	5.277	84	69611	40.755	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	65232	46.852	ug/l	93
22) Diisopropyl ether	6.671	45	223588	49.575	ug/l	95
23) Vinyl Acetate	6.606	43	904572	251.197	ug/l	96
24) 1,1-Dichloroethane	6.571	63	128859	47.061	ug/l	98
25) 2-Butanone	7.483	43	233816	226.728	ug/l	93
26) 2,2-Dichloropropane	7.489	77	116783	66.478	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	78419	47.870	ug/l	93
28) Bromochloromethane	7.812	49	61747	51.558	ug/l	89
29) Tetrahydrofuran	7.841	42	149810	225.283	ug/l	90
30) Chloroform	7.965	83	133082	45.589	ug/l	99
31) Cyclohexane	8.259	56	112754	44.917	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	119272	46.277	ug/l	97
36) 1,1-Dichloropropene	8.371	75	95277	50.164	ug/l	99
37) Ethyl Acetate	7.559	43	94336	45.955	ug/l	96
38) Carbon Tetrachloride	8.365	117	105468	47.478	ug/l	100
39) Methylcyclohexane	9.600	83	107313	54.420	ug/l	91
40) Benzene	8.606	78	296173	47.534	ug/l	98

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	51367	48.529	ug/l	94
42) 1,2-Dichloroethane	8.671	62	102917	45.998	ug/l	97
43) Isopropyl Acetate	8.688	43	163064	45.570	ug/l #	94
44) Trichloroethene	9.353	130	67129	46.404	ug/l	97
45) 1,2-Dichloropropane	9.618	63	72569	48.056	ug/l	99
46) Dibromomethane	9.712	93	51784	46.948	ug/l	99
47) Bromodichloromethane	9.888	83	107728	47.931	ug/l	99
48) Methyl methacrylate	9.682	41	74276	47.016	ug/l #	89
49) 1,4-Dioxane	9.694	88	29846	946.654	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	492795	234.705	ug/l	95
52) Toluene	10.629	92	187023	51.117	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	112069	52.720	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	118632	53.081	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	68547	48.317	ug/l	98
56) Ethyl methacrylate	10.877	69	110013	51.559	ug/l	87
57) 1,3-Dichloropropane	11.165	76	120217	48.210	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	278405	258.990	ug/l	97
59) 2-Hexanone	11.194	43	376604	241.902	ug/l	94
60) Dibromochloromethane	11.359	129	81930	47.617	ug/l	100
61) 1,2-Dibromoethane	11.471	107	69864	46.870	ug/l	99
64) Tetrachloroethene	11.106	164	65710	46.710	ug/l	96
65) Chlorobenzene	11.894	112	202460	48.060	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	71781	49.032	ug/l	99
67) Ethyl Benzene	11.965	91	349002	50.200	ug/l	97
68) m/p-Xylenes	12.071	106	273457	105.712	ug/l	98
69) o-Xylene	12.400	106	130363	52.292	ug/l	95
70) Styrene	12.412	104	225509	53.282	ug/l	99
71) Bromoform	12.576	173	55371	48.363	ug/l #	99
73) Isopropylbenzene	12.694	105	334824	50.232	ug/l	100
74) N-amyl acetate	12.494	43	143561	48.255	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	94338	40.339	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	86668m	43.475	ug/l	
77) Bromobenzene	12.982	156	81473	49.185	ug/l	95
78) n-propylbenzene	13.035	91	396430	50.369	ug/l	98
79) 2-Chlorotoluene	13.123	91	236140	47.874	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	281010	51.322	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	39085	51.131	ug/l	98
82) 4-Chlorotoluene	13.223	91	238932	49.090	ug/l	98
83) tert-Butylbenzene	13.441	119	234906	50.979	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	285890	52.826	ug/l	98
85) sec-Butylbenzene	13.618	105	335543	51.970	ug/l	99
86) p-Isopropyltoluene	13.729	119	279988	54.125	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	152212	47.988	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	147300	44.618	ug/l	99
89) n-Butylbenzene	14.059	91	237781	51.909	ug/l	99
90) Hexachloroethane	14.335	117	54917	47.811	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	142935	47.449	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	19996	45.384	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	73437	49.936	ug/l	99
94) Hexachlorobutadiene	15.506	225	30436	45.755	ug/l	99
95) Naphthalene	15.641	128	246478	50.463	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	74745	47.660	ug/l	97

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

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