

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063857.D
 Acq On : 3 Oct 2020 6:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 5:35:49 PM

Quant Time: Oct 05 08:38:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	229200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	409776	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	376820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	181879	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	218941	57.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.64%	
35) Dibromofluoromethane	7.55	113	145114	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
50) Toluene-d8	10.06	98	516596	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
62) 4-Bromofluorobenzene	12.38	95	195801	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	108438	44.838	ug/l	99
3) Chloromethane	2.04	50	145323	51.211	ug/l	100
4) Vinyl Chloride	2.16	62	140103	49.185	ug/l	100
5) Bromomethane	2.52	94	93977	52.451	ug/l	97
6) Chloroethane	2.67	64	93995	55.223	ug/l	98
7) Trichlorofluoromethane	2.98	101	216244	47.867	ug/l	96
8) Diethyl Ether	3.37	74	87889	57.525	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	105357	43.633	ug/l	98
10) Methyl Iodide	3.91	142	164520	58.681	ug/l	99
11) Tert butyl alcohol	4.73	59	144722	346.186	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	111763	48.424	ug/l	97
13) Acrolein	3.56	56	65538	255.435	ug/l	98
14) Allyl chloride	4.28	41	230819	53.832	ug/l	95
15) Acrylonitrile	4.93	53	370668	309.759	ug/l	98
16) Acetone	3.77	43	357674	306.853	ug/l	98
17) Carbon Disulfide	4.01	76	298020	47.805	ug/l	98
18) Methyl Acetate	4.27	43	195257	64.518	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	486968	58.075	ug/l	99
20) Methylene Chloride	4.50	84	151292	56.654	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	129475	50.084	ug/l	96
22) Diisopropyl ether	5.90	45	525916	59.615	ug/l	97
23) Vinyl Acetate	5.84	43	2230420	305.214	ug/l	99
24) 1,1-Dichloroethane	5.79	63	275455	54.609	ug/l	98
25) 2-Butanone	6.78	43	549198	332.331	ug/l	99
26) 2,2-Dichloropropane	6.78	77	154626	33.474	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	160290	53.912	ug/l	95
28) Bromochloromethane	7.15	49	145999	58.562	ug/l	98
29) Tetrahydrofuran	7.16	42	366744	330.888	ug/l	97
30) Chloroform	7.33	83	297021	56.474	ug/l	96
31) Cyclohexane	7.61	56	182061	41.415	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	251254	52.964	ug/l	99
36) 1,1-Dichloropropene	7.75	75	184066	44.338	ug/l	99
37) Ethyl Acetate	6.88	43	231994	56.248	ug/l	99
38) Carbon Tetrachloride	7.73	117	208971	44.890	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	155337	37.521	ug/l	97
40) Benzene	8.00	78	582694	49.141	ug/l	99
41) Methacrylonitrile	7.12	41	100419	54.781	ug/l #	67
42) 1,2-Dichloroethane	8.08	62	269123	53.170	ug/l	98
43) Isopropyl Acetate	8.13	43	392564	57.703	ug/l #	93
44) Trichloroethene	8.80	130	142384	45.829	ug/l	100
45) 1,2-Dichloropropane	9.08	63	167601	52.337	ug/l	99
46) Dibromomethane	9.17	93	115483	52.275	ug/l	99
47) Bromodichloromethane	9.37	83	240460	52.815	ug/l	100
48) Methyl methacrylate	9.16	41	202871	60.357	ug/l	92
49) 1,4-Dioxane	9.16	88	59545	1246.491	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1225394	306.930	ug/l	99
52) Toluene	10.13	92	360969	49.216	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	243874	49.970	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	249950	48.971	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	158978	54.050	ug/l	98
56) Ethyl methacrylate	10.40	69	239710	57.496	ug/l	97
57) 1,3-Dichloropropane	10.68	76	271081	54.476	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	653609	293.080	ug/l	99
59) 2-Hexanone	10.72	43	907484	305.981	ug/l	99
60) Dibromochloromethane	10.87	129	182881	53.390	ug/l	100
61) 1,2-Dibromoethane	10.98	107	165603	55.041	ug/l	98
64) Tetrachloroethene	10.60	164	131006	44.937	ug/l	97
65) Chlorobenzene	11.41	112	383001	49.549	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	156553	52.829	ug/l	99
67) Ethyl Benzene	11.48	91	678896	48.267	ug/l	100
68) m/p-Xylenes	11.59	106	507091	96.734	ug/l	99
69) o-Xylene	11.92	106	247442	50.502	ug/l	99
70) Styrene	11.94	104	440604	52.976	ug/l	99
71) Bromoform	12.10	173	127985	56.470	ug/l #	99
73) Isopropylbenzene	12.22	105	631110	47.573	ug/l	100
74) N-amyl acetate	12.05	43	350749	56.580	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	232145	57.226	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	227595m	56.766	ug/l	
77) Bromobenzene	12.50	156	167699	51.518	ug/l	96
78) n-propylbenzene	12.57	91	719861	46.626	ug/l	99
79) 2-Chlorotoluene	12.65	91	467263	49.210	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	538767	48.409	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	70093	50.352	ug/l	98
82) 4-Chlorotoluene	12.75	91	490495	49.760	ug/l	99
83) tert-Butylbenzene	12.97	119	429842	47.216	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	556442	50.076	ug/l	98
85) sec-Butylbenzene	13.14	105	536160	44.840	ug/l	100
86) p-Isopropyltoluene	13.26	119	490285	46.349	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	290178	49.274	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	296824	48.408	ug/l	98
89) n-Butylbenzene	13.59	91	403149	41.293	ug/l	99
90) Hexachloroethane	13.85	117	95273	46.480	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	297903	51.072	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	54758	57.558	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	138756	43.965	ug/l	96
94) Hexachlorobutadiene	14.98	225	68543	43.349	ug/l	98
95) Naphthalene	15.10	128	460408	47.033	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	134972	44.067	ug/l	98

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

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