

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063810.D
 Acq On : 2 Oct 2020 7:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 3:12:27 PM

Quant Time: Oct 02 08:05:12 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	222256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	389552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	369436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173242	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	214544	58.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.86%	
35) Dibromofluoromethane	7.55	113	147915	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
50) Toluene-d8	10.06	98	504046	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.38	95	189897	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	109610	46.738	ug/l	99
3) Chloromethane	2.04	50	144785	52.616	ug/l	97
4) Vinyl Chloride	2.16	62	138577	50.169	ug/l	100
5) Bromomethane	2.52	94	90468	52.071	ug/l	99
6) Chloroethane	2.67	64	94667	57.355	ug/l	100
7) Trichlorofluoromethane	2.98	101	216956	49.525	ug/l	98
8) Diethyl Ether	3.37	74	85696	57.842	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	107778	46.030	ug/l	97
10) Methyl Iodide	3.91	142	154669	56.891	ug/l	98
11) Tert butyl alcohol	4.73	59	144142	355.571	ug/l	100
12) 1,1-Dichloroethene	3.69	96	112393	50.218	ug/l	99
13) Acrolein	3.57	56	60024	241.254	ug/l	99
14) Allyl chloride	4.28	41	222842	53.595	ug/l	96
15) Acrylonitrile	4.93	53	369469	318.404	ug/l	99
16) Acetone	3.78	43	368809	326.291	ug/l	95
17) Carbon Disulfide	4.01	76	296364	49.007	ug/l	99
18) Methyl Acetate	4.27	43	188104	64.096	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	481050	59.161	ug/l	100
20) Methylene Chloride	4.50	84	147989	57.148	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	127586	50.895	ug/l	98
22) Diisopropyl ether	5.90	45	513437	60.019	ug/l	99
23) Vinyl Acetate	5.84	43	2176660	307.164	ug/l	99
24) 1,1-Dichloroethane	5.79	63	270044	55.209	ug/l	99
25) 2-Butanone	6.78	43	538805	336.229	ug/l	99
26) 2,2-Dichloropropane	6.78	77	147782	32.992	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	154681	53.651	ug/l	97
28) Bromochloromethane	7.15	49	137751	56.980	ug/l	99
29) Tetrahydrofuran	7.17	42	363259	337.984	ug/l	99
30) Chloroform	7.33	83	288214	56.512	ug/l	97
31) Cyclohexane	7.61	56	181020	42.465	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	244755	53.206	ug/l	99
36) 1,1-Dichloropropene	7.75	75	179622	45.514	ug/l	99
37) Ethyl Acetate	6.88	43	225378	57.481	ug/l	99
38) Carbon Tetrachloride	7.74	117	199717	45.129	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	152484	38.745	ug/l	97
40) Benzene	8.00	78	572641	50.801	ug/l	99
41) Methacrylonitrile	7.12	41	93119m	53.436	ug/l	
42) 1,2-Dichloroethane	8.08	62	260618	54.163	ug/l	98
43) Isopropyl Acetate	8.13	43	384122	59.393	ug/l	100
44) Trichloroethene	8.80	130	137005	46.387	ug/l	97
45) 1,2-Dichloropropane	9.08	63	160991	52.883	ug/l	100
46) Dibromomethane	9.17	93	114721	54.626	ug/l	98
47) Bromodichloromethane	9.37	83	237429	54.856	ug/l	100
48) Methyl methacrylate	9.17	41	198482	62.117	ug/l	95
49) 1,4-Dioxane	9.16	88	59211	1303.849	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1213559	319.746	ug/l	99
52) Toluene	10.12	92	349059	50.063	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	231459	49.888	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	242286	49.934	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	153845	55.021	ug/l	98
56) Ethyl methacrylate	10.40	69	234330	59.123	ug/l	98
57) 1,3-Dichloropropane	10.68	76	263652	55.734	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	627266	295.870	ug/l	100
59) 2-Hexanone	10.72	43	901571	319.769	ug/l	100
60) Dibromochloromethane	10.87	129	174344	53.540	ug/l	99
61) 1,2-Dibromoethane	10.98	107	161236	56.371	ug/l	99
64) Tetrachloroethene	10.60	164	123422	43.182	ug/l	98
65) Chlorobenzene	11.41	112	370080	48.834	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	150465	51.790	ug/l	99
67) Ethyl Benzene	11.48	91	659966	47.859	ug/l	98
68) m/p-Xylenes	11.59	106	484837	94.337	ug/l	98
69) o-Xylene	11.92	106	236786	49.293	ug/l	100
70) Styrene	11.94	104	414424	50.824	ug/l	100
71) Bromoform	12.10	173	123494	55.578	ug/l #	100
73) Isopropylbenzene	12.22	105	613156	48.524	ug/l	100
74) N-amyl acetate	12.04	43	343116	58.049	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	228118	59.037	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	217541m	56.964	ug/l	
77) Bromobenzene	12.50	156	161593	52.117	ug/l	99
78) n-propylbenzene	12.57	91	691436	47.017	ug/l	99
79) 2-Chlorotoluene	12.65	91	447816	49.513	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	524078	49.436	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	68994	52.034	ug/l	98
82) 4-Chlorotoluene	12.75	91	465127	49.539	ug/l	100
83) tert-Butylbenzene	12.97	119	409233	47.193	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	524417	49.547	ug/l	98
85) sec-Butylbenzene	13.15	105	522767	45.899	ug/l	100
86) p-Isopropyltoluene	13.26	119	468695	46.517	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	277678	49.502	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	278907	47.754	ug/l	99
89) n-Butylbenzene	13.59	91	385918	41.499	ug/l	100
90) Hexachloroethane	13.85	117	92522	47.388	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	281703	50.703	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	54802	60.476	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	127230	42.387	ug/l	99
94) Hexachlorobutadiene	14.98	225	63410	42.104	ug/l	99
95) Naphthalene	15.10	128	443052	47.497	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	129125	44.253	ug/l	98

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

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