

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063578.D
 Acq On : 23 Sep 2020 10:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/23/2020 1:06:58 PM

Quant Time: Sep 23 11:13:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	239206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	430218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	403944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	193477	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	205686	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
35) Dibromofluoromethane	7.55	113	143579	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
50) Toluene-d8	10.06	98	544554	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
62) 4-Bromofluorobenzene	12.38	95	205903	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	125750	46.402	ug/l	95
3) Chloromethane	2.04	50	154436	43.078	ug/l	99
4) Vinyl Chloride	2.17	62	154741	48.718	ug/l	99
5) Bromomethane	2.53	94	91869	48.714	ug/l	98
6) Chloroethane	2.67	64	93687	48.051	ug/l	97
7) Trichlorofluoromethane	2.99	101	244840	51.666	ug/l	99
8) Diethyl Ether	3.38	74	85755	46.420	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	126620	47.511	ug/l	98
10) Methyl Iodide	3.91	142	167860	48.378	ug/l	98
11) Tert butyl alcohol	4.73	59	118141	209.431	ug/l	99
12) 1,1-Dichloroethene	3.70	96	128016	47.424	ug/l	97
13) Acrolein	3.57	56	68243	326.445	ug/l	100
14) Allyl chloride	4.28	41	231953	43.441	ug/l	97
15) Acrylonitrile	4.93	53	348012	242.535	ug/l	99
16) Acetone	3.77	43	316932	242.183	ug/l	99
17) Carbon Disulfide	4.01	76	340722	43.393	ug/l	100
18) Methyl Acetate	4.28	43	169221	50.937	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	477013	47.413	ug/l	100
20) Methylene Chloride	4.51	84	157119	47.388	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	140968	47.135	ug/l	93
22) Diisopropyl ether	5.90	45	522742	48.003	ug/l	99
23) Vinyl Acetate	5.84	43	2141389	239.437	ug/l	99
24) 1,1-Dichloroethane	5.80	63	286694	48.222	ug/l	99
25) 2-Butanone	6.78	43	481550	239.259	ug/l	97
26) 2,2-Dichloropropane	6.78	77	156366	29.872	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	166305	49.128	ug/l	96
28) Bromochloromethane	7.15	49	134093	48.848	ug/l	97
29) Tetrahydrofuran	7.16	42	322871	234.882	ug/l	99
30) Chloroform	7.33	83	300026	50.299	ug/l	97
31) Cyclohexane	7.62	56	236288	42.016	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	262211	49.424	ug/l	99
36) 1,1-Dichloropropene	7.75	75	211186	46.077	ug/l	99
37) Ethyl Acetate	6.88	43	209042	46.471	ug/l	99
38) Carbon Tetrachloride	7.74	117	223166	47.698	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	206651	41.543	ug/l	98
40) Benzene	8.00	78	616131	47.091	ug/l	98
41) Methacrylonitrile	7.12	41	92003	45.474	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	255759	48.608	ug/l	99
43) Isopropyl Acetate	8.13	43	365785	45.476	ug/l	99
44) Trichloroethene	8.80	130	151549	47.756	ug/l	99
45) 1,2-Dichloropropane	9.08	63	171507	48.129	ug/l	100
46) Dibromomethane	9.17	93	116033	49.542	ug/l	99
47) Bromodichloromethane	9.37	83	242654	49.870	ug/l	98
48) Methyl methacrylate	9.17	41	181031	45.809	ug/l	95
49) 1,4-Dioxane	9.17	88	49063	865.133	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1087587	241.522	ug/l	99
52) Toluene	10.13	92	388913	49.440	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	238798	43.961	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	259910	45.362	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	155730	49.840	ug/l	97
56) Ethyl methacrylate	10.40	69	233592	47.888	ug/l	98
57) 1,3-Dichloropropane	10.68	76	269389	47.809	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	606113	236.872	ug/l	99
59) 2-Hexanone	10.72	43	796779	244.235	ug/l	99
60) Dibromochloromethane	10.87	129	173621	49.185	ug/l	99
61) 1,2-Dibromoethane	10.98	107	163651	50.413	ug/l	99
64) Tetrachloroethene	10.60	164	140391	51.041	ug/l	98
65) Chlorobenzene	11.41	112	406227	47.376	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	156142	49.677	ug/l	99
67) Ethyl Benzene	11.49	91	765691	47.418	ug/l	98
68) m/p-Xylenes	11.59	106	560289	96.236	ug/l	99
69) o-Xylene	11.92	106	269612	48.613	ug/l	100
70) Styrene	11.94	104	463338	49.818	ug/l	99
71) Bromoform	12.10	173	116179	49.616	ug/l #	100
73) Isopropylbenzene	12.23	105	733114	47.285	ug/l	99
74) N-amyl acetate	12.05	43	339204	46.218	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	224227	46.708	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	218569m	45.642	ug/l	
77) Bromobenzene	12.50	156	170476	48.881	ug/l	96
78) n-propylbenzene	12.57	91	841873	46.621	ug/l	100
79) 2-Chlorotoluene	12.65	91	512636	47.357	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	617159	47.736	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	65027	37.228	ug/l	96
82) 4-Chlorotoluene	12.75	91	535278	46.801	ug/l	100
83) tert-Butylbenzene	12.97	119	497119	46.589	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	622446	47.665	ug/l	99
85) sec-Butylbenzene	13.15	105	655820	45.916	ug/l	99
86) p-Isopropyltoluene	13.26	119	580533	46.082	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	312682	48.372	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	310961	47.316	ug/l	100
89) n-Butylbenzene	13.59	91	513175	44.194	ug/l	98
90) Hexachloroethane	13.85	117	110717	46.155	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	312123	49.182	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	51029	44.639	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	163899	43.807	ug/l	98
94) Hexachlorobutadiene	14.98	225	74918	48.369	ug/l	98
95) Naphthalene	15.10	128	549574	44.461	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	162044	44.826	ug/l	99

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

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