

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052920\
 Data File : VN061582.D
 Acq On : 29 May 2020 21:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 12:29:39 PM

Quant Time: May 30 07:12:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	313488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	544690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	533804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	275589	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	201393	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
35) Dibromofluoromethane	7.55	113	148606	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	
50) Toluene-d8	10.06	98	674583	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.37	95	250138	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	167832	46.452	ug/l	97
3) Chloromethane	2.03	50	191333	50.041	ug/l	100
4) Vinyl Chloride	2.16	62	272028	51.917	ug/l	98
5) Bromomethane	2.53	94	159152	52.935	ug/l	97
6) Chloroethane	2.67	64	173393	51.412	ug/l	99
7) Trichlorofluoromethane	2.98	101	341777	50.583	ug/l	98
8) Diethyl Ether	3.37	74	96582	46.747	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	144739	48.274	ug/l	97
10) Methyl Iodide	3.91	142	187330	45.007	ug/l	98
11) Tert butyl alcohol	4.73	59	133666	269.054	ug/l	98
12) 1,1-Dichloroethene	3.70	96	147034	45.901	ug/l	99
13) Acrolein	3.56	56	39700	279.469	ug/l	96
14) Allyl chloride	4.27	41	199705	47.687	ug/l	99
15) Acrylonitrile	4.93	53	343783	247.920	ug/l	99
16) Acetone	3.77	43	266543	259.167	ug/l	99
17) Carbon Disulfide	4.01	76	333769	47.359	ug/l	100
18) Methyl Acetate	4.27	43	164136	48.544	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	520435	47.671	ug/l	98
20) Methylene Chloride	4.50	84	171674	50.590	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	172001	47.613	ug/l	97
22) Diisopropyl ether	5.90	45	456532	49.461	ug/l	98
23) Vinyl Acetate	5.84	43	1727636	234.841	ug/l	100
24) 1,1-Dichloroethane	5.80	63	284843	48.666	ug/l	99
25) 2-Butanone	6.78	43	419610	237.050	ug/l	98
26) 2,2-Dichloropropane	6.77	77	234970	43.862	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	203410	49.726	ug/l	99
28) Bromochloromethane	7.15	49	123141	56.216	ug/l	97
29) Tetrahydrofuran	7.17	42	275999	236.452	ug/l	99
30) Chloroform	7.33	83	327216	50.533	ug/l	100
31) Cyclohexane	7.61	56	250457	47.580	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	294112	49.847	ug/l	100
36) 1,1-Dichloropropene	7.75	75	233876	48.503	ug/l	99
37) Ethyl Acetate	6.88	43	185675	47.808	ug/l	100
38) Carbon Tetrachloride	7.73	117	233898	50.289	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	288936	48.615	ug/l	99
40) Benzene	8.00	78	724911	48.724	ug/l	100
41) Methacrylonitrile	7.12	41	75393	42.370	ug/l	96
42) 1,2-Dichloroethane	8.09	62	240085	48.201	ug/l	99
43) Isopropyl Acetate	8.13	43	318605	45.598	ug/l #	92
44) Trichloroethene	8.80	130	216530	47.357	ug/l	98
45) 1,2-Dichloropropane	9.09	63	171631	48.582	ug/l	100
46) Dibromomethane	9.18	93	131664	48.594	ug/l	97
47) Bromodichloromethane	9.37	83	264516	49.276	ug/l	99
48) Methyl methacrylate	9.17	41	140723	44.764	ug/l	99
49) 1,4-Dioxane	9.17	88	56656	1163.342	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	929620	236.093	ug/l	99
52) Toluene	10.12	92	481755	49.611	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	279440	48.322	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	297287	47.812	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	187401	48.440	ug/l	99
56) Ethyl methacrylate	10.40	69	266534	49.319	ug/l	98
57) 1,3-Dichloropropane	10.68	76	305822	49.425	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	566126	245.130	ug/l	100
59) 2-Hexanone	10.72	43	670792	237.212	ug/l	100
60) Dibromochloromethane	10.87	129	218800	49.747	ug/l	100
61) 1,2-Dibromoethane	10.98	107	202591	50.210	ug/l	99
64) Tetrachloroethene	10.60	164	226618	45.100	ug/l	98
65) Chlorobenzene	11.41	112	532466	47.988	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	199201	48.215	ug/l	100
67) Ethyl Benzene	11.48	91	926488	48.310	ug/l	100
68) m/p-Xylenes	11.60	106	735608	96.738	ug/l	100
69) o-Xylene	11.92	106	347674	48.138	ug/l	99
70) Styrene	11.94	104	598493	50.039	ug/l	99
71) Bromoform	12.10	173	152190	47.804	ug/l #	97
73) Isopropylbenzene	12.22	105	928743	46.173	ug/l	99
74) N-amyl acetate	12.04	43	278925	44.033	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	254259	45.108	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	213139m	42.532	ug/l	
77) Bromobenzene	12.50	156	231481	45.085	ug/l	97
78) n-propylbenzene	12.56	91	1059694	47.191	ug/l	99
79) 2-Chlorotoluene	12.65	91	614233	45.874	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	798793	47.513	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	84018	42.875	ug/l	99
82) 4-Chlorotoluene	12.75	91	645088	45.796	ug/l	99
83) tert-Butylbenzene	12.97	119	686106	46.190	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	794814	47.589	ug/l	98
85) sec-Butylbenzene	13.15	105	904183	47.239	ug/l	99
86) p-Isopropyltoluene	13.26	119	843494	47.852	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	427011	46.966	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	425281	45.916	ug/l	99
89) n-Butylbenzene	13.59	91	709806	48.076	ug/l	99
90) Hexachloroethane	13.85	117	99800	51.195	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	409446	47.124	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	48600	42.277	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	237726	46.782	ug/l	99
94) Hexachlorobutadiene	14.98	225	97059	44.785	ug/l	97
95) Naphthalene	15.10	128	718324	46.443	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	232377	46.511	ug/l	99

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

