

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072220\
 Data File : VN062586.D
 Acq On : 22 Jul 2020 10:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/23/2020 2:14:58 PM

Quant Time: Jul 23 07:21:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	192866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	313358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	301031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	144655	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	146678	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	7.54	113	102630	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	10.06	98	406394	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.37	95	154361	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	112830	49.045	ug/l	99
3) Chloromethane	2.03	50	153718	49.265	ug/l	99
4) Vinyl Chloride	2.16	62	128379	47.461	ug/l	99
5) Bromomethane	2.49	94	57314	47.839	ug/l	96
6) Chloroethane	2.64	64	61288	50.090	ug/l	99
7) Trichlorofluoromethane	2.97	101	151981	47.855	ug/l	99
8) Diethyl Ether	3.37	74	75747	51.003	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	104327	51.236	ug/l	99
10) Methyl Iodide	3.90	142	132981	51.083	ug/l	99
11) Tert butyl alcohol	4.74	59	112186	235.379	ug/l	99
12) 1,1-Dichloroethene	3.69	96	98958	47.919	ug/l	98
13) Acrolein	3.56	56	123533	248.585	ug/l	99
14) Allyl chloride	4.27	41	221015	49.477	ug/l	99
15) Acrylonitrile	4.92	53	326072	255.421	ug/l	99
16) Acetone	3.77	43	308730	273.831	ug/l	98
17) Carbon Disulfide	4.00	76	314075	46.288	ug/l	99
18) Methyl Acetate	4.27	43	144904	50.768	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	389906	51.298	ug/l	98
20) Methylene Chloride	4.49	84	129286	47.811	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	107958	47.102	ug/l	98
22) Diisopropyl ether	5.90	45	456582	51.421	ug/l	97
23) Vinyl Acetate	5.84	43	1910609	262.609	ug/l	100
24) 1,1-Dichloroethane	5.79	63	238713	49.925	ug/l	99
25) 2-Butanone	6.78	43	451401	262.890	ug/l	98
26) 2,2-Dichloropropane	6.77	77	190110	48.434	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	127858	48.887	ug/l	100
28) Bromochloromethane	7.15	49	123109	52.318	ug/l	100
29) Tetrahydrofuran	7.16	42	294471	253.446	ug/l	100
30) Chloroform	7.32	83	223450	49.151	ug/l	99
31) Cyclohexane	7.61	56	205797	46.617	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	187060	49.283	ug/l	99
36) 1,1-Dichloropropene	7.75	75	166760	49.927	ug/l	99
37) Ethyl Acetate	6.88	43	185514	51.526	ug/l	99
38) Carbon Tetrachloride	7.73	117	164913	51.366	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	186506	51.873	ug/l	98
40) Benzene	8.00	78	511938	50.627	ug/l	100
41) Methacrylonitrile	7.12	41	93371	60.510	ug/l #	83
42) 1,2-Dichloroethane	8.08	62	190494	51.529	ug/l	100
43) Isopropyl Acetate	8.12	43	307126	52.915	ug/l	98
44) Trichloroethene	8.80	130	113476	49.762	ug/l	97
45) 1,2-Dichloropropane	9.08	63	147056	51.796	ug/l	99
46) Dibromomethane	9.17	93	85219	51.933	ug/l	100
47) Bromodichloromethane	9.37	83	184107	51.788	ug/l	99
48) Methyl methacrylate	9.17	41	150145	54.419	ug/l	98
49) 1,4-Dioxane	9.17	88	46032	1086.267	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	944393	271.937	ug/l	100
52) Toluene	10.12	92	310419	52.867	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	212691	53.743	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	230412	54.259	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	121651	53.413	ug/l	99
56) Ethyl methacrylate	10.40	69	207662	50.750	ug/l	99
57) 1,3-Dichloropropane	10.68	76	220402	52.822	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	315755	255.782	ug/l	100
59) 2-Hexanone	10.72	43	692492	257.743	ug/l	100
60) Dibromochloromethane	10.87	129	137395	54.075	ug/l	100
61) 1,2-Dibromoethane	10.98	107	125272	52.821	ug/l	99
64) Tetrachloroethene	10.60	164	94974	48.558	ug/l	98
65) Chlorobenzene	11.40	112	322491	51.101	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	120566	50.783	ug/l	98
67) Ethyl Benzene	11.48	91	598276	51.704	ug/l	100
68) m/p-Xylenes	11.59	106	439284	105.622	ug/l	100
69) o-Xylene	11.92	106	213701	54.110	ug/l	99
70) Styrene	11.94	104	369155	55.333	ug/l	100
71) Bromoform	12.10	173	94821	53.193	ug/l #	99
73) Isopropylbenzene	12.22	105	566619	49.538	ug/l	100
74) N-amyl acetate	12.04	43	274642	53.766	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	189346	47.638	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	163885m	44.510	ug/l	
77) Bromobenzene	12.50	156	137393	49.984	ug/l	96
78) n-propylbenzene	12.56	91	681136	50.838	ug/l	99
79) 2-Chlorotoluene	12.65	91	413487	50.077	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	499489	52.645	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	67655	51.151	ug/l	98
82) 4-Chlorotoluene	12.75	91	432455	50.318	ug/l	100
83) tert-Butylbenzene	12.97	119	401800	51.001	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	493564	53.028	ug/l	99
85) sec-Butylbenzene	13.15	105	542744	51.458	ug/l	100
86) p-Isopropyltoluene	13.26	119	488359	53.834	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	242945	50.365	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	239779	50.496	ug/l	100
89) n-Butylbenzene	13.59	91	408397	52.394	ug/l	99
90) Hexachloroethane	13.85	117	92761	48.034	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	233803	50.690	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	37115	51.431	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	111691	46.300	ug/l	99
94) Hexachlorobutadiene	14.98	225	65927	52.861	ug/l	99
95) Naphthalene	15.10	128	296198	46.341	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	112513	51.763	ug/l	98

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

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