

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
 Data File : VN059397.D
 Acq On : 25 Nov 2019 20:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 11/26/2019 12:32:19 PM

Quant Time: Nov 26 02:52:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	355757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	559639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	509335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	249842	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	214316	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	7.57	113	174963	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
50) Toluene-d8	10.08	98	691344	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.40	95	251105	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	208484	45.776	ug/l	100
3) Chloromethane	2.04	50	249790	44.769	ug/l	100
4) Vinyl Chloride	2.17	62	267081	46.493	ug/l	99
5) Bromomethane	2.54	94	142466	44.670	ug/l	99
6) Chloroethane	2.68	64	135978	43.372	ug/l	97
7) Trichlorofluoromethane	3.00	101	273928	44.282	ug/l	100
8) Diethyl Ether	3.39	74	120819	47.774	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	176592	46.685	ug/l	99
10) Methyl Iodide	3.93	142	239644	50.976	ug/l	99
11) Tert butyl alcohol	4.75	59	225090	263.382	ug/l	99
12) 1,1-Dichloroethene	3.71	96	175200	45.630	ug/l	95
13) Acrolein	3.58	56	125996	161.507	ug/l	100
14) Allyl chloride	4.29	41	327906	45.715	ug/l	99
15) Acrylonitrile	4.95	53	552893	244.686	ug/l	100
16) Acetone	3.79	43	506933	264.867	ug/l	99
17) Carbon Disulfide	4.03	76	525526	43.690	ug/l	99
18) Methyl Acetate	4.29	43	316343	49.804	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	603207	48.640	ug/l	99
20) Methylene Chloride	4.52	84	202632	46.943	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	185922	45.689	ug/l	100
22) Diisopropyl ether	5.92	45	643958	47.682	ug/l	97
23) Vinyl Acetate	5.86	43	2410754	226.999	ug/l	100
24) 1,1-Dichloroethane	5.82	63	358076	47.105	ug/l	99
25) 2-Butanone	6.81	43	753841	253.296	ug/l	100
26) 2,2-Dichloropropane	6.80	77	292277	44.404	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	215894	47.023	ug/l	98
28) Bromochloromethane	7.17	49	145133	47.018	ug/l	98
29) Tetrahydrofuran	7.18	42	500143	243.038	ug/l	99
30) Chloroform	7.35	83	342699	46.448	ug/l	99
31) Cyclohexane	7.63	56	331575	44.116	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	299804	47.302	ug/l	98
36) 1,1-Dichloropropene	7.77	75	268100	46.405	ug/l	99
37) Ethyl Acetate	6.91	43	293576	47.281	ug/l	98
38) Carbon Tetrachloride	7.75	117	261777	47.330	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	323310	46.408	ug/l	99
40) Benzene	8.02	78	805716	47.516	ug/l	99
41) Methacrylonitrile	7.16	41	136049m	49.358	ug/l	
42) 1,2-Dichloroethane	8.10	62	264794	47.217	ug/l	100
43) Isopropyl Acetate	8.15	43	464018	48.899	ug/l	99
44) Trichloroethene	8.82	130	202072	47.021	ug/l	98
45) 1,2-Dichloropropane	9.10	63	216828	47.953	ug/l	99
46) Dibromomethane	9.19	93	135064	48.698	ug/l	99
47) Bromodichloromethane	9.39	83	269566	48.531	ug/l	99
48) Methyl methacrylate	9.19	41	209185	48.476	ug/l	97
49) 1,4-Dioxane	9.19	88	73965	1140.472	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	1450630	261.171	ug/l	98
52) Toluene	10.15	92	493173	48.370	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	315670	48.889	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	342638	48.903	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	197049	49.707	ug/l	99
56) Ethyl methacrylate	10.42	69	312162	46.773	ug/l	99
57) 1,3-Dichloropropane	10.70	76	342924	49.632	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	530996	219.164	ug/l	99
59) 2-Hexanone	10.75	43	1101005	270.708	ug/l	98
60) Dibromochloromethane	10.90	129	214785	51.416	ug/l	100
61) 1,2-Dibromoethane	11.00	107	203732	49.392	ug/l	100
64) Tetrachloroethene	10.63	164	222158	56.396	ug/l	99
65) Chlorobenzene	11.43	112	520498	47.526	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	194072	48.779	ug/l	99
67) Ethyl Benzene	11.51	91	948629	48.512	ug/l	100
68) m/p-Xylenes	11.62	106	710198	97.742	ug/l	100
69) o-Xylene	11.95	106	340252	48.914	ug/l	99
70) Styrene	11.96	104	561392	51.147	ug/l	99
71) Bromoform	12.13	173	156425	51.914	ug/l	99
73) Isopropylbenzene	12.25	105	917999	44.853	ug/l	100
74) N-amyl acetate	12.07	43	391862	47.641	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	298706	44.120	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	272887m	47.278	ug/l	
77) Bromobenzene	12.53	156	222852	44.892	ug/l	98
78) n-propylbenzene	12.59	91	1077707	46.486	ug/l	100
79) 2-Chlorotoluene	12.68	91	631502	44.378	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	785185	45.637	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	110215	47.759	ug/l	98
82) 4-Chlorotoluene	12.77	91	654869	44.471	ug/l	100
83) tert-Butylbenzene	12.99	119	670627	46.152	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	783052	46.462	ug/l	100
85) sec-Butylbenzene	13.17	105	898043	45.982	ug/l	100
86) p-Isopropyltoluene	13.29	119	818529	47.099	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	400140	45.262	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	397955	45.497	ug/l	99
89) n-Butylbenzene	13.62	91	707187	46.387	ug/l	100
90) Hexachloroethane	13.88	117	147685	44.871	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	394391	46.110	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	63290	43.969	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	236684	44.815	ug/l	98
94) Hexachlorobutadiene	15.01	225	139554	45.286	ug/l	98
95) Naphthalene	15.13	128	623096	42.788	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	235893	45.361	ug/l	98

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

