

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111219\
 Data File : VN059202.D
 Acq On : 12 Nov 2019 19:32
 Operator : JC/SP
 Sample : K5769-12MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-305-SRI4MSD

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 12:07:30 PM

Quant Time: Nov 13 07:38:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	433444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	681648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	622600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	298453	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	266236	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
35) Dibromofluoromethane	7.56	113	210838	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
50) Toluene-d8	10.08	98	805180	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.40	95	296123	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	193912	44.403	ug/l	99
3) Chloromethane	2.04	50	266876	44.956	ug/l	100
4) Vinyl Chloride	2.17	62	266466	46.298	ug/l	100
5) Bromomethane	2.53	94	156222	47.168	ug/l	99
6) Chloroethane	2.68	64	163503	48.024	ug/l	98
7) Trichlorofluoromethane	3.00	101	332087	48.239	ug/l	99
8) Diethyl Ether	3.39	74	133652	47.781	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	200269	48.249	ug/l	99
10) Methyl Iodide	3.92	142	255008	49.634	ug/l	99
11) Tert butyl alcohol	4.75	59	238478	234.854	ug/l	99
12) 1,1-Dichloroethene	3.71	96	192620	47.638	ug/l	99
13) Acrolein	3.58	56	148372	283.405	ug/l	97
14) Allyl chloride	4.29	41	384361m	46.277	ug/l	
15) Acrylonitrile	4.95	53	643775	254.753	ug/l	100
16) Acetone	3.79	43	539242	194.620	ug/l	99
17) Carbon Disulfide	4.03	76	539675	42.997	ug/l	99
18) Methyl Acetate	4.29	43	319167	48.531	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	707060	50.792	ug/l	99
20) Methylene Chloride	4.52	84	233166	48.304	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	210304	48.456	ug/l	100
22) Diisopropyl ether	5.92	45	792720	50.530	ug/l	99
23) Vinyl Acetate	5.86	43	3133120	257.690	ug/l	100
24) 1,1-Dichloroethane	5.82	63	429619	49.031	ug/l	99
25) 2-Butanone	6.81	43	850115	232.802	ug/l	100
26) 2,2-Dichloropropane	6.80	77	326940	42.672	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	253414	50.328	ug/l	97
28) Bromochloromethane	7.17	49	129406	49.089	ug/l	97
29) Tetrahydrofuran	7.18	42	579246	249.646	ug/l	99
30) Chloroform	7.35	83	416494	49.551	ug/l	100
31) Cyclohexane	7.63	56	372487	44.905	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	351097	49.683	ug/l	99
36) 1,1-Dichloropropene	7.77	75	310966	48.806	ug/l	99
37) Ethyl Acetate	6.90	43	337837	47.663	ug/l	99
38) Carbon Tetrachloride	7.75	117	309739	48.842	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	350552	47.407	ug/l	99
40) Benzene	8.02	78	941109	49.050	ug/l	100
41) Methacrylonitrile	7.15	41	158043m	51.276	ug/l	
42) 1,2-Dichloroethane	8.10	62	327480	49.765	ug/l	100
43) Isopropyl Acetate	8.14	43	548501	48.540	ug/l	100
44) Trichloroethene	8.81	130	236095	50.058	ug/l	98
45) 1,2-Dichloropropane	9.10	63	259155	49.728	ug/l	99
46) Dibromomethane	9.19	93	159027	48.969	ug/l	99
47) Bromodichloromethane	9.39	83	328926	50.723	ug/l	98
48) Methyl methacrylate	9.18	41	252176	49.891	ug/l	99
49) 1,4-Dioxane	9.18	88	86576	963.821	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	1757413	274.859	ug/l	99
52) Toluene	10.14	92	573962	49.910	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	368671	49.209	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	388533	48.212	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	230007	49.420	ug/l	99
56) Ethyl methacrylate	10.42	69	364321	47.048	ug/l	99
57) 1,3-Dichloropropane	10.70	76	403638	50.390	ug/l	100
59) 2-Hexanone	10.74	43	1294119	263.697	ug/l	100
60) Dibromochloromethane	10.89	129	251703	51.152	ug/l	99
61) 1,2-Dibromoethane	11.00	107	238411	50.603	ug/l	100
64) Tetrachloroethene	10.62	164	410887	97.054	ug/l	98
65) Chlorobenzene	11.43	112	609039	50.181	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	231781	50.909	ug/l	99
67) Ethyl Benzene	11.51	91	1107735	51.442	ug/l	99
68) m/p-Xylenes	11.62	106	824595	102.228	ug/l	99
69) o-Xylene	11.94	106	392867	50.398	ug/l	99
70) Stvrene	11.96	104	651881	53.172	ug/l	100
71) Bromoform	12.12	173	185349	52.338	ug/l #	100
73) Isopropylbenzene	12.25	105	1065809	49.094	ug/l	100
74) N-amyl acetate	12.07	43	450490	48.971	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	360363	48.743	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	330154m	48.589	ug/l	
77) Bromobenzene	12.53	156	255596	46.861	ug/l	98
78) n-propylbenzene	12.59	91	1249593	50.270	ug/l	100
79) 2-Chlorotoluene	12.67	91	747222	48.457	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	907902	49.354	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	121663	47.293	ug/l	99
82) 4-Chlorotoluene	12.77	91	761189	49.216	ug/l	100
83) tert-Butylbenzene	12.99	119	769180	48.418	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	904818	50.839	ug/l	99
85) sec-Butylbenzene	13.17	105	1042594	50.463	ug/l	100
86) p-Isopropyltoluene	13.29	119	935103	51.259	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	463208	49.593	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	454288	48.613	ug/l	99
89) n-Butylbenzene	13.62	91	793047	49.669	ug/l	100
90) Hexachloroethane	13.88	117	174847	47.731	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	454127	49.426	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	71507	48.480	ug/l	99
93) 1,2,4-Trichlorobenzene	14.91	180	248962	44.986	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	145061	45.789	ug/l	99
95) Naphthalene	15.13	128	692857	45.116	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	253080	49.150	ug/l	99

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

