

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064817.D
 Acq On : 24 Nov 2020 17:52
 Operator : JC/MD
 Sample : L4829-14MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2MSD

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 3:58:12 PM

Quant Time: Nov 25 05:23:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	192597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	311356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	282939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	137117	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	108372	48.40	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.80%
35) Dibromofluoromethane	7.55	113	94142	50.53	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.06%
50) Toluene-d8	10.06	98	369465	48.54	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.08%
62) 4-Bromofluorobenzene	12.38	95	134482	49.36	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.72%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	76697	45.949	ug/l	99
3) Chloromethane	2.04	50	96461	44.470	ug/l	99
4) Vinyl Chloride	2.17	62	106180	46.952	ug/l	98
5) Bromomethane	2.53	94	44762	30.169	ug/l	100
6) Chloroethane	2.68	64	65261	46.658	ug/l	97
7) Trichlorofluoromethane	2.99	101	144435	46.203	ug/l	96
8) Diethyl Ether	3.38	74	59130	47.920	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	88590	47.241	ug/l	98
10) Methyl Iodide	3.91	142	84648	34.800	ug/l	97
11) Tert butyl alcohol	4.75	59	77115	220.841	ug/l #	73
12) 1,1-Dichloroethene	3.69	96	90419	48.414	ug/l	99
13) Acrolein	3.57	56	45278	212.284	ug/l #	63
14) Allyl chloride	4.28	41	144785	47.003	ug/l	98
15) Acrylonitrile	4.93	53	243237	252.153	ug/l	97
16) Acetone	3.78	43	213341	289.848	ug/l	100
17) Carbon Disulfide	4.01	76	236430	49.030	ug/l	99
18) Methyl Acetate	4.28	43	98646	44.576	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	328444	54.833	ug/l #	1
20) Methylene Chloride	4.50	84	107207	46.482	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	98140	47.320	ug/l	99
22) Diisopropyl ether	5.91	45	311301	50.491	ug/l	99
23) Vinyl Acetate	5.85	43	1211743	245.769	ug/l	100
24) 1,1-Dichloroethane	5.80	63	182395	49.500	ug/l	98
25) 2-Butanone	6.79	43	306065	256.515	ug/l	96
26) 2,2-Dichloropropane	6.78	77	142224	44.504	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	119788	51.328	ug/l	99
28) Bromochloromethane	7.15	49	83244	49.383	ug/l	100
29) Tetrahydrofuran	7.17	42	194808	236.523	ug/l	99
30) Chloroform	7.33	83	198849	52.331	ug/l	98
31) Cyclohexane	7.61	56	238748	76.504	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	158545	48.580	ug/l	100
36) 1,1-Dichloropropene	7.75	75	136069	47.149	ug/l	99
37) Ethyl Acetate	6.88	43	119682	43.052	ug/l	99
38) Carbon Tetrachloride	7.73	117	142021	47.296	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	286181	92.116	ug/l	99
40) Benzene	8.00	78	1036666	117.222	ug/l	99
41) Methacrylonitrile	7.13	41	63917	49.829	ug/l	87
42) 1,2-Dichloroethane	8.08	62	139495	46.758	ug/l	88
43) Isopropyl Acetate	8.13	43	243401	54.412	ug/l	94
44) Trichloroethene	8.80	130	120118	46.034	ug/l	98
45) 1,2-Dichloropropane	9.08	63	114165	49.849	ug/l	99
46) Dibromomethane	9.17	93	73648	48.136	ug/l	98
47) Bromodichloromethane	9.37	83	157207	51.065	ug/l	96
48) Methyl methacrylate	9.17	41	98921	46.279	ug/l	96
49) 1,4-Dioxane	9.17	88	33849	837.864	ug/l #	96
51) 4-Methyl-2-Pentanone	9.95	43	633705	235.971	ug/l	99
52) Toluene	10.12	92	291166	53.462	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	159019	46.376	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	178251	48.499	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	145578	65.003	ug/l	97
56) Ethyl methacrylate	10.40	69	164947	53.372	ug/l	97
57) 1,3-Dichloropropane	10.68	76	176889	47.881	ug/l	99
59) 2-Hexanone	10.72	43	461478	238.770	ug/l	99
60) Dibromochloromethane	10.87	129	119074	47.832	ug/l	99
61) 1,2-Dibromoethane	10.98	107	109065	47.934	ug/l	93
64) Tetrachloroethene	10.60	164	112854	40.997	ug/l	97
65) Chlorobenzene	11.41	112	291851	48.033	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	109294	48.946	ug/l	99
67) Ethyl Benzene	11.48	91	1047657	103.213	ug/l	99
68) m/p-Xylenes	11.59	106	774690	201.583	ug/l	100
69) o-Xylene	11.92	106	202431	55.509	ug/l	100
70) Styrene	11.94	104	317621	51.591	ug/l	100
71) Bromoform	12.10	173	82307	46.150	ug/l #	99
73) Isopropylbenzene	12.22	105	729288	76.466	ug/l	100
74) N-amyl acetate	12.04	43	181759	48.426	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	141933	50.773	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	133301m	45.142	ug/l	
77) Bromobenzene	12.50	156	124503	48.421	ug/l	98
78) n-propylbenzene	12.56	91	1066572	98.165	ug/l	99
79) 2-Chlorotoluene	12.65	91	362102	53.915	ug/l	96
80) 1,3,5-Trimethylbenzene	12.70	105	544688	68.709	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	44163	40.990	ug/l	96
82) 4-Chlorotoluene	12.75	91	346110	49.165	ug/l	99
83) tert-Butylbenzene	12.97	119	353605	53.216	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	1372871	171.283	ug/l	99
85) sec-Butylbenzene	13.14	105	500326	56.710	ug/l	97
86) p-Isopropyltoluene	13.26	119	435870	54.265	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	219764	48.106	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	221147	45.775	ug/l	100
89) n-Butylbenzene	13.59	91	434255	61.563	ug/l	93
90) Hexachloroethane	13.85	117	98410	70.527	ug/l	69
91) 1,2-Dichlorobenzene	13.63	146	215847	48.120	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31222	49.638	ug/l	96
93) 1,2,4-Trichlorobenzene	14.88	180	136721	49.272	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	53827	43.129	ug/l	100
95) Naphthalene	15.10	128	973929	117.157	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	134077	50.822	ug/l	93

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

