

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063257.D
 Acq On : 4 Sep 2020 19:00
 Operator : JC/MD
 Sample : L3902-08MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20200901MSD

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 1:33:16 PM

Quant Time: Sep 07 02:01:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	305659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	595766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	553117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	255998	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	264147	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
35) Dibromofluoromethane	7.55	113	194454	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	10.06	98	745495	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.38	95	267561	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	140211	46.578	ug/l	98
3) Chloromethane	2.04	50	205253	46.826	ug/l	99
4) Vinyl Chloride	2.17	62	229588	47.417	ug/l	99
5) Bromomethane	2.53	94	211222	51.824	ug/l	98
6) Chloroethane	2.67	64	208093	54.053	ug/l	98
7) Trichlorofluoromethane	2.98	101	357621	53.833	ug/l	97
8) Diethyl Ether	3.37	74	110790	47.823	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	163086	49.553	ug/l	98
10) Methyl Iodide	3.91	142	221226	49.286	ug/l	99
11) Tert butyl alcohol	4.73	59	136310	222.244	ug/l	98
12) 1,1-Dichloroethene	3.70	96	166149	49.544	ug/l	97
13) Acrolein	3.57	56	70031	296.761	ug/l	95
14) Allyl chloride	4.28	41	285109	47.870	ug/l	95
15) Acrylonitrile	4.93	53	438888	255.409	ug/l	98
16) Acetone	3.77	43	364121	256.351	ug/l	98
17) Carbon Disulfide	4.01	76	450174	45.100	ug/l	98
18) Methyl Acetate	4.28	43	185909	51.046	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	621842	49.985	ug/l	99
20) Methylene Chloride	4.50	84	204534	51.223	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	192713	52.014	ug/l	95
22) Diisopropyl ether	5.90	45	669626	50.171	ug/l	99
23) Vinyl Acetate	5.84	43	2507173	235.425	ug/l	100
24) 1,1-Dichloroethane	5.80	63	371349	50.470	ug/l	99
25) 2-Butanone	6.78	43	580075	263.749	ug/l	99
26) 2,2-Dichloropropane	6.78	77	261397	39.211	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	226569	50.311	ug/l	97
28) Bromochloromethane	7.15	49	182170	47.390	ug/l	98
29) Tetrahydrofuran	7.16	42	396365	260.638	ug/l	99
30) Chloroform	7.33	83	391356	50.839	ug/l	98
31) Cyclohexane	7.61	56	299948	46.124	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	345859	52.139	ug/l	100
36) 1,1-Dichloropropene	7.75	75	281975	49.233	ug/l	99
37) Ethyl Acetate	6.88	43	243387	45.042	ug/l #	96
38) Carbon Tetrachloride	7.74	117	281535	48.471	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	266620	41.437	ug/l	99
40) Benzene	8.00	78	848507	50.414	ug/l	100
41) Methacrylonitrile	7.12	41	113924	47.216	ug/l	91
42) 1,2-Dichloroethane	8.09	62	318662	50.686	ug/l	100
43) Isopropyl Acetate	8.13	43	447929	47.955	ug/l #	91
44) Trichloroethene	8.80	130	214081	52.440	ug/l	96
45) 1,2-Dichloropropane	9.08	63	221899	49.796	ug/l	97
46) Dibromomethane	9.17	93	153515	51.984	ug/l	98
47) Bromodichloromethane	9.37	83	317899	50.222	ug/l	100
48) Methyl methacrylate	9.17	41	211605	50.254	ug/l	94
49) 1,4-Dioxane	9.17	88	58831	903.320	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1368529	269.623	ug/l	100
52) Toluene	10.13	92	535907	51.114	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	333235	48.128	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	348961	48.014	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	213180	53.093	ug/l	98
56) Ethyl methacrylate	10.40	69	309376	50.630	ug/l	99
57) 1,3-Dichloropropane	10.68	76	360632	50.417	ug/l	99
59) 2-Hexanone	10.72	43	993198	278.430	ug/l	99
60) Dibromochloromethane	10.87	129	231494	52.149	ug/l	99
61) 1,2-Dibromoethane	10.98	107	218779	52.415	ug/l	98
64) Tetrachloroethene	10.60	164	211176	53.167	ug/l	97
65) Chlorobenzene	11.41	112	566277	50.831	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	210612	50.919	ug/l	99
67) Ethyl Benzene	11.49	91	1056843	52.001	ug/l	98
68) m/p-Xylenes	11.59	106	779494	103.558	ug/l	98
69) o-Xylene	11.92	106	371214	51.050	ug/l	97
70) Stvrene	11.94	104	647144	51.785	ug/l	99
71) Bromoform	12.10	173	142309	50.698	ug/l #	99
73) Isopropylbenzene	12.23	105	998110	50.834	ug/l	98
74) N-amyl acetate	12.05	43	382850	47.074	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	289901	51.212	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	252866m	50.273	ug/l	
77) Bromobenzene	12.50	156	228054	51.357	ug/l	97
78) n-propylbenzene	12.57	91	1153942	50.788	ug/l	98
79) 2-Chlorotoluene	12.65	91	689607	50.675	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	820336	50.194	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	91340	43.892	ug/l	95
82) 4-Chlorotoluene	12.75	91	718483	50.907	ug/l	99
83) tert-Butylbenzene	12.97	119	673560	48.055	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	837231	50.823	ug/l	97
85) sec-Butylbenzene	13.15	105	866468	47.433	ug/l	99
86) p-Isopropyltoluene	13.26	119	770158	47.488	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	417239	51.147	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	427854	50.653	ug/l	99
89) n-Butylbenzene	13.59	91	669787	44.704	ug/l	99
90) Hexachloroethane	13.85	117	135894	45.265	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	427692	54.027	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	61653	49.539	ug/l	99
93) 1,2,4-Trichlorobenzene	14.88	180	209194	47.300	ug/l	98

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QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	68536	41.482	ug/l	97
95) Naphthalene	15.11	128	729954	49.470	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	202947	47.100	ug/l	99

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

