

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063256.D
 Acq On : 4 Sep 2020 18:36
 Operator : JC/MD
 Sample : L3902-07MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20200901MS

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 1:33:22 PM

Quant Time: Sep 07 01:57:45 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	300333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	575100	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	543663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	249419	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	240567	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
35) Dibromofluoromethane	7.55	113	178163	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
50) Toluene-d8	10.06	98	690705	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
62) 4-Bromofluorobenzene	12.38	95	246587	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	129935	43.930	ug/l	98
3) Chloromethane	2.04	50	187797	43.603	ug/l	95
4) Vinyl Chloride	2.17	62	209709	44.079	ug/l	99
5) Bromomethane	2.53	94	198517	49.570	ug/l	100
6) Chloroethane	2.67	64	197844	52.302	ug/l	98
7) Trichlorofluoromethane	2.98	101	347724	53.228	ug/l	96
8) Diethyl Ether	3.37	74	105507	46.350	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	154802	47.870	ug/l	99
10) Methyl Iodide	3.91	142	203658	46.176	ug/l	99
11) Tert butyl alcohol	4.74	59	133109	220.874	ug/l #	91
12) 1,1-Dichloroethene	3.70	96	155061	47.058	ug/l	94
13) Acrolein	3.57	56	70273	302.732	ug/l	97
14) Allyl chloride	4.28	41	266730	45.578	ug/l	95
15) Acrylonitrile	4.93	53	418391	247.870	ug/l	100
16) Acetone	3.77	43	350993	251.491	ug/l	98
17) Carbon Disulfide	4.01	76	415107	42.324	ug/l	100
18) Methyl Acetate	4.28	43	180154	50.343	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	582035	47.615	ug/l	99
20) Methylene Chloride	4.51	84	196398	50.046	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	182844	50.225	ug/l	90
22) Diisopropyl ether	5.90	45	630276	48.061	ug/l	95
23) Vinyl Acetate	5.84	43	2367335	226.236	ug/l	100
24) 1,1-Dichloroethane	5.80	63	350923	48.540	ug/l	99
25) 2-Butanone	6.78	43	569369	263.472	ug/l	100
26) 2,2-Dichloropropane	6.78	77	249108	38.031	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	219557	49.618	ug/l	94
28) Bromochloromethane	7.15	49	186211	49.300	ug/l	99
29) Tetrahydrofuran	7.17	42	379333	253.862	ug/l	98
30) Chloroform	7.33	83	374725	49.542	ug/l	99
31) Cyclohexane	7.62	56	279771	43.692	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	328481	50.398	ug/l	99
36) 1,1-Dichloropropene	7.75	75	267104	48.312	ug/l	98
37) Ethyl Acetate	6.88	43	236289	45.297	ug/l #	96
38) Carbon Tetrachloride	7.74	117	268457	47.880	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	259616	41.799	ug/l	98
40) Benzene	8.00	78	812502	50.010	ug/l	100
41) Methacrylonitrile	7.12	41	99235	42.606	ug/l #	82
42) 1,2-Dichloroethane	8.09	62	309920	51.067	ug/l	99
43) Isopropyl Acetate	8.13	43	431616	47.869	ug/l #	89
44) Trichloroethene	8.80	130	207918	52.760	ug/l	97
45) 1,2-Dichloropropane	9.08	63	211531	49.175	ug/l	100
46) Dibromomethane	9.17	93	147726	51.822	ug/l	98
47) Bromodichloromethane	9.37	83	307399	50.308	ug/l	99
48) Methyl methacrylate	9.17	41	210171	51.707	ug/l	93
49) 1,4-Dioxane	9.17	88	60102	955.997	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1353725	276.290	ug/l	99
52) Toluene	10.13	92	520215	51.401	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	323693	48.430	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	333656	47.557	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	200543	51.740	ug/l	98
56) Ethyl methacrylate	10.40	69	300788	50.993	ug/l	99
57) 1,3-Dichloropropane	10.68	76	349866	50.669	ug/l	98
59) 2-Hexanone	10.72	43	987892	286.894	ug/l	98
60) Dibromochloromethane	10.87	129	221521	51.695	ug/l	100
61) 1,2-Dibromoethane	10.98	107	213248	52.926	ug/l	98
64) Tetrachloroethene	10.60	164	208494	53.405	ug/l	94
65) Chlorobenzene	11.41	112	545083	49.779	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	203771	50.122	ug/l	99
67) Ethyl Benzene	11.49	91	1028832	51.503	ug/l	100
68) m/p-Xylenes	11.59	106	750471	101.436	ug/l	100
69) o-Xylene	11.92	106	364890	51.053	ug/l	99
70) Styrene	11.94	104	631699	51.428	ug/l	99
71) Bromoform	12.10	173	139893	50.704	ug/l #	99
73) Isopropylbenzene	12.23	105	968956	50.651	ug/l	99
74) N-amyl acetate	12.04	43	378562	47.774	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	280984	50.946	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	251273m	51.274	ug/l	
77) Bromobenzene	12.50	156	227608	52.608	ug/l	94
78) n-propylbenzene	12.57	91	1114329	50.339	ug/l	99
79) 2-Chlorotoluene	12.65	91	674537	50.875	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	788567	49.523	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	90234	44.504	ug/l	95
82) 4-Chlorotoluene	12.75	91	692883	50.388	ug/l	100
83) tert-Butylbenzene	12.97	119	645203	47.246	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	811417	50.555	ug/l	98
85) sec-Butylbenzene	13.15	105	851362	47.835	ug/l	100
86) p-Isopropyltoluene	13.26	119	755055	47.785	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	406522	51.148	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	413899	50.293	ug/l	99
89) n-Butylbenzene	13.59	91	654224	44.817	ug/l	99
90) Hexachloroethane	13.85	117	129595	44.305	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	408562	52.972	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	61860	51.017	ug/l	98
93) 1,2,4-Trichlorobenzene	14.88	180	203028	47.117	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	66822	41.511	ug/l	99
95) Naphthalene	15.11	128	700658	48.737	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	194778	46.396	ug/l	98

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

