

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072120\
 Data File : VN062570.D
 Acq On : 21 Jul 2020 13:34
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 2:45:43 PM

Quant Time: Jul 21 14:00:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 13:13:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	214198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	360537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	343332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	169763	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	520516	158.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.54%	
35) Dibromofluoromethane	7.55	113	372615	166.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	332.86%	
50) Toluene-d8	10.06	98	1502531	169.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	339.66%	
62) 4-Bromofluorobenzene	12.38	95	586020	180.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	361.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	374925	169.659	ug/l	99
3) Chloromethane	2.04	50	534470	154.155	ug/l	98
4) Vinyl Chloride	2.16	62	448943	156.395	ug/l	99
5) Bromomethane	2.50	94	198433	133.920	ug/l	96
6) Chloroethane	2.65	64	199587	124.022	ug/l	99
7) Trichlorofluoromethane	2.97	101	511558	141.473	ug/l	99
8) Diethyl Ether	3.37	74	255206	157.073	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	337477	156.667	ug/l	99
10) Methyl Iodide	3.91	142	482725	170.670	ug/l	98
11) Tert butyl alcohol	4.74	59	398317	737.135	ug/l	100
12) 1,1-Dichloroethene	3.69	96	349423	158.961	ug/l	98
13) Acrolein	3.56	56	423895	989.842	ug/l	100
14) Allyl chloride	4.27	41	774110	151.576	ug/l	100
15) Acrylonitrile	4.93	53	1122111	789.899	ug/l	100
16) Acetone	3.78	43	897083	652.514	ug/l	99
17) Carbon Disulfide	4.00	76	1130564	163.116	ug/l	100
18) Methyl Acetate	4.28	43	477435	139.266	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1305190	156.692	ug/l	100
20) Methylene Chloride	4.50	84	428375	143.204	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	381375	160.192	ug/l	99
22) Diisopropyl ether	5.90	45	1495982	148.222	ug/l	97
23) Vinyl Acetate	5.84	43	6253317	747.923	ug/l	98
24) 1,1-Dichloroethane	5.80	63	803384	153.100	ug/l	100
25) 2-Butanone	6.79	43	1502434	747.438	ug/l	99
26) 2,2-Dichloropropane	6.77	77	628950	154.621	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	438275	158.815	ug/l	100
28) Bromochloromethane	7.15	49	418189	147.747	ug/l	100
29) Tetrahydrofuran	7.17	42	997348	735.336	ug/l	100
30) Chloroform	7.33	83	738870	155.016	ug/l	100
31) Cyclohexane	7.61	56	716279	144.613	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	639389	160.825	ug/l	99
36) 1,1-Dichloropropene	7.75	75	593960	163.659	ug/l	99
37) Ethyl Acetate	6.88	43	626873	148.546	ug/l	99
38) Carbon Tetrachloride	7.73	117	559741	168.814	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	658854	170.140	ug/l	98
40) Benzene	8.00	78	1730687	160.816	ug/l	100
41) Methacrylonitrile	7.12	41	288432	166.747	ug/l	90
42) 1,2-Dichloroethane	8.08	62	635670	161.325	ug/l	100
43) Isopropyl Acetate	8.13	43	1068565	160.230	ug/l #	91
44) Trichloroethene	8.80	130	396405	165.406	ug/l	99
45) 1,2-Dichloropropane	9.08	63	494938	159.383	ug/l	100
46) Dibromomethane	9.17	93	287788	163.147	ug/l	99
47) Bromodichloromethane	9.37	83	624702	166.060	ug/l	99
48) Methyl methacrylate	9.17	41	519807	159.650	ug/l	99
49) 1,4-Dioxane	9.17	88	156195	3257.359	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	3127491	786.501	ug/l	98
52) Toluene	10.12	92	1064078	170.330	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	740687	175.220	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	790160	169.795	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	403981	165.654	ug/l	98
56) Ethyl methacrylate	10.40	69	730742	179.882	ug/l	99
57) 1,3-Dichloropropane	10.68	76	747188	165.679	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1132778	809.001	ug/l	99
59) 2-Hexanone	10.72	43	2335321	808.177	ug/l	99
60) Dibromochloromethane	10.87	129	460906	172.669	ug/l	98
61) 1,2-Dibromoethane	10.98	107	429275	173.013	ug/l	99
64) Tetrachloroethene	10.60	164	328648	160.279	ug/l	98
65) Chlorobenzene	11.41	112	1096663	163.827	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	413641	167.595	ug/l	99
67) Ethyl Benzene	11.48	91	2083668	166.458	ug/l	99
68) m/p-Xylenes	11.60	106	1528604	343.458	ug/l	98
69) o-Xylene	11.92	106	739653	171.110	ug/l	98
70) Styrene	11.94	104	1291766	180.635	ug/l	100
71) Bromoform	12.10	173	329683	181.515	ug/l #	99
73) Isopropylbenzene	12.22	105	1971936	150.444	ug/l	100
74) N-amyl acetate	12.05	43	996595	158.215	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	629981	143.068	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	618546m	147.174	ug/l	
77) Bromobenzene	12.50	156	463224	154.827	ug/l	98
78) n-propylbenzene	12.57	91	2370902	155.188	ug/l	100
79) 2-Chlorotoluene	12.65	91	1417990	152.464	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1723582	159.637	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	239681	155.169	ug/l	99
82) 4-Chlorotoluene	12.75	91	1506285	159.341	ug/l	100
83) tert-Butylbenzene	12.97	119	1431554	156.830	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	1729802	161.668	ug/l	100
85) sec-Butylbenzene	13.15	105	1927011	159.611	ug/l	100
86) p-Isopropyltoluene	13.26	119	1728762	165.934	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	844917	163.748	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	841486	158.791	ug/l	99
89) n-Butylbenzene	13.59	91	1554841	169.808	ug/l	99
90) Hexachloroethane	13.85	117	335335	163.155	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	804225	160.909	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	132856	165.705	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	456810	203.630	ug/l	99
94) Hexachlorobutadiene	14.98	225	221362	165.221	ug/l	98
95) Naphthalene	15.10	128	1228375	195.567	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	444452	190.409	ug/l	100

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

