

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064215.D
 Acq On : 21 Oct 2020 12:09
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 10/22/2020 3:25:13 PM

Quant Time: Oct 21 12:31:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:00:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	287045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	465353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	424812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	215738	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	433636	104.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.30%	
35) Dibromofluoromethane	7.55	113	323987	100.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.52%	
50) Toluene-d8	10.06	98	1183838	97.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.66%	
62) 4-Bromofluorobenzene	12.38	95	489866	114.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	228.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	359247	126.654	ug/l	99
3) Chloromethane	2.04	50	367205	107.156	ug/l	97
4) Vinyl Chloride	2.16	62	361248	87.845	ug/l	98
5) Bromomethane	2.52	94	214441	71.966	ug/l	96
6) Chloroethane	2.66	64	212689	67.335	ug/l	99
7) Trichlorofluoromethane	2.98	101	573202	98.701	ug/l	98
8) Diethyl Ether	3.37	74	190011	104.269	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	293919	102.864	ug/l	99
10) Methyl Iodide	3.91	142	434388	107.946	ug/l	99
11) Tert butyl alcohol	4.73	59	298485	621.443	ug/l	98
12) 1,1-Dichloroethene	3.70	96	287206	100.190	ug/l	99
13) Acrolein	3.57	56	188478	517.359	ug/l	99
14) Allyl chloride	4.27	41	583797	124.763	ug/l	99
15) Acrylonitrile	4.93	53	657557	509.950	ug/l	99
16) Acetone	3.77	43	658030	534.570	ug/l	99
17) Carbon Disulfide	4.01	76	855123	104.572	ug/l	99
18) Methyl Acetate	4.27	43	322422	104.566	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	971097	113.012	ug/l	99
20) Methylene Chloride	4.50	84	329909	88.717	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	316352	98.270	ug/l	96
22) Diisopropyl ether	5.90	45	1054134	118.939	ug/l	99
23) Vinyl Acetate	5.84	43	4861443	612.767	ug/l	99
24) 1,1-Dichloroethane	5.80	63	614052	101.139	ug/l	99
25) 2-Butanone	6.78	43	1031329	546.040	ug/l	98
26) 2,2-Dichloropropane	6.77	77	599625	114.796	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	360605	95.502	ug/l	100
28) Bromochloromethane	7.15	49	293994	101.600	ug/l	99
29) Tetrahydrofuran	7.16	42	615633	555.358	ug/l	97
30) Chloroform	7.33	83	653625	101.607	ug/l	99
31) Cyclohexane	7.61	56	487464	105.335	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	617585	109.336	ug/l	99
36) 1,1-Dichloropropene	7.75	75	490306	108.384	ug/l	99
37) Ethyl Acetate	6.88	43	445833	110.426	ug/l	99
38) Carbon Tetrachloride	7.73	117	564668	114.210	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	456095	118.266	ug/l	99
40) Benzene	8.00	78	1379362	102.284	ug/l	100
41) Methacrylonitrile	7.13	41	232500	131.789	ug/l	93
42) 1,2-Dichloroethane	8.08	62	563920	114.245	ug/l	100
43) Isopropyl Acetate	8.13	43	835428	122.235	ug/l	99
44) Trichloroethene	8.80	130	371531	104.252	ug/l	94
45) 1,2-Dichloropropane	9.08	63	365928	102.639	ug/l	98
46) Dibromomethane	9.17	93	247217	98.018	ug/l	97
47) Bromodichloromethane	9.37	83	543665	109.015	ug/l	99
48) Methyl methacrylate	9.16	41	424924	132.709	ug/l	99
49) 1,4-Dioxane	9.16	88	101535	2161.381	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	2276118	573.618	ug/l	99
52) Toluene	10.13	92	886531	106.784	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	624146	120.518	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	640066	113.346	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	336939	98.410	ug/l	97
56) Ethyl methacrylate	10.40	69	530941	119.407	ug/l	98
57) 1,3-Dichloropropane	10.68	76	587477	103.378	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1353846	607.584	ug/l	99
59) 2-Hexanone	10.72	43	1671719	598.159	ug/l	99
60) Dibromochloromethane	10.87	129	428054	109.779	ug/l	100
61) 1,2-Dibromoethane	10.98	107	358459	102.852	ug/l	100
64) Tetrachloroethene	10.60	164	361097	111.489	ug/l	99
65) Chlorobenzene	11.41	112	952941	106.327	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	376272	109.810	ug/l	99
67) Ethyl Benzene	11.48	91	1753633	115.544	ug/l	98
68) m/p-Xylenes	11.60	106	1305400	232.684	ug/l	97
69) o-Xylene	11.92	106	635946	117.662	ug/l	99
70) Styrene	11.94	104	1086122	120.643	ug/l	100
71) Bromoform	12.10	173	300519	117.220	ug/l #	98
73) Isopropylbenzene	12.22	105	1697214	107.013	ug/l	99
74) N-amyl acetate	12.05	43	760084	124.095	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	446508	84.173	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	486428m	94.828	ug/l	
77) Bromobenzene	12.50	156	406496	96.285	ug/l	98
78) n-propylbenzene	12.57	91	1949113	110.074	ug/l	100
79) 2-Chlorotoluene	12.65	91	1204834	106.982	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1461969	114.476	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	191366	112.532	ug/l	97
82) 4-Chlorotoluene	12.75	91	1274744	111.978	ug/l	99
83) tert-Butylbenzene	12.97	119	1174081	111.178	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	1480030	118.120	ug/l	100
85) sec-Butylbenzene	13.14	105	1526893	112.721	ug/l	99
86) p-Isopropyltoluene	13.26	119	1424110	120.050	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	743842	105.195	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	755361	104.228	ug/l	99
89) n-Butylbenzene	13.59	91	1262664	125.108	ug/l	99
90) Hexachloroethane	13.85	117	248843	109.658	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	717353	102.216	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	115270	108.274	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	429282	143.430	ug/l	99
94) Hexachlorobutadiene	14.98	225	211438	120.607	ug/l	99
95) Naphthalene	15.10	128	1292466	144.804	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	410833	138.359	ug/l	99

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

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