

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061620\
 Data File : VN061831.D
 Acq On : 16 Jun 2020 17:02
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/17/2020 3:44:49 PM

Quant Time: Jun 17 01:02:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 00:50:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	164181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	291213	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	261414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	106645	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	1291	0.729	ug/l	93
3) Chloromethane	2.03	50	2296	1.114	ug/l	98
4) Vinyl Chloride	2.16	62	2223	0.805	ug/l	100
6) Chloroethane	2.67	64	1723	0.960	ug/l	92
7) Trichlorofluoromethane	2.99	101	3150	0.896	ug/l	98
8) Diethyl Ether	3.38	74	884m	0.804	ug/l	
9) 1,1,2-Trichlorotrifluoroet	3.73	101	1461m	0.914	ug/l	
12) 1,1-Dichloroethene	3.70	96	1502	0.884	ug/l	92
14) Allyl chloride	4.27	41	1944	0.875	ug/l	94
15) Acrylonitrile	4.94	53	3065	4.168	ug/l #	86
16) Acetone	3.78	43	3824	5.451	ug/l	99
17) Carbon Disulfide	4.01	76	4848	1.229	ug/l	96
18) Methyl Acetate	4.29	43	1880	1.048	ug/l #	64
19) Methyl tert-butyl Ether	4.98	73	4930	0.857	ug/l	100
20) Methylene Chloride	4.51	84	2383m	0.979	ug/l	
21) trans-1,2-Dichloroethene	4.98	96	1852m	0.964	ug/l	
22) Diisopropyl ether	5.90	45	4447	0.911	ug/l #	77
23) Vinyl Acetate	5.85	43	16265	4.187	ug/l	97
24) 1,1-Dichloroethane	5.80	63	3183m	1.021	ug/l	
25) 2-Butanone	6.78	43	4375	4.668	ug/l	96
26) 2,2-Dichloropropane	6.78	77	2934	1.039	ug/l	81
27) cis-1,2-Dichloroethene	6.78	96	2074m	0.959	ug/l	
28) Bromochloromethane	7.15	49	1459	1.072	ug/l #	77
29) Tetrahydrofuran	7.17	42	2792	4.528	ug/l #	83
30) Chloroform	7.33	83	3601	1.052	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	2957	0.957	ug/l #	51
36) 1,1-Dichloropropene	7.75	75	2597	0.996	ug/l	87
37) Ethyl Acetate	6.88	43	1889	0.909	ug/l #	65
38) Carbon Tetrachloride	7.74	117	2488m	0.991	ug/l	
39) Methylcyclohexane	9.04	83	2476	0.783	ug/l	98
40) Benzene	8.00	78	7538	0.939	ug/l	91
41) Methacrylonitrile	7.13	41	863	0.907	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	2635	0.977	ug/l #	73
43) Isopropyl Acetate	8.12	43	2811	0.754	ug/l #	61

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	2020	0.845	ug/l	95
45) 1,2-Dichloropropane	9.08	63	1713	0.893	ug/l	94
46) Dibromomethane	9.17	93	1253	0.863	ug/l	95
47) Bromodichloromethane	9.37	83	2633	0.915	ug/l #	95
48) Methyl methacrylate	9.16	41	1327m	0.788	ug/l	
49) 1,4-Dioxane	9.16	88	592	20.918	ug/l #	59
51) 4-Methyl-2-Pentanone	9.95	43	7941	3.765	ug/l	100
52) Toluene	10.12	92	4113	0.788	ug/l	93
53) t-1,3-Dichloropropene	10.36	75	2427	0.783	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	2798	0.836	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	1668	0.804	ug/l #	90
56) Ethyl methacrylate	10.41	69	1871	0.651	ug/l	98
57) 1,3-Dichloropropane	10.68	76	2886	0.864	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.67	63	4377	3.620	ug/l	95
59) 2-Hexanone	10.72	43	5483	3.619	ug/l	91
60) Dibromochloromethane	10.87	129	1916	0.821	ug/l	94
61) 1,2-Dibromoethane	10.98	107	1773	0.823	ug/l	95
64) Tetrachloroethene	10.60	164	1504	0.643	ug/l	92
65) Chlorobenzene	11.41	112	5746	1.054	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	1697	0.841	ug/l #	63
67) Ethyl Benzene	11.49	91	8315	0.881	ug/l	99
68) m/p-Xylenes	11.59	106	6001	1.609	ug/l	95
69) o-Xylene	11.92	106	2763	0.779	ug/l	98
70) Styrene	11.94	104	4344	0.739	ug/l	98
71) Bromoform	12.10	173	1209	0.786	ug/l #	83
73) Isopropylbenzene	12.22	105	6730	0.859	ug/l	97
74) N-amyl acetate	12.05	43	1755	0.710	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.48	83	2791	1.252	ug/l #	95
76) 1,2,3-Trichloropropane	12.53	75	2070m	1.055	ug/l	
77) Bromobenzene	12.51	156	1942	0.980	ug/l	93
78) n-propylbenzene	12.57	91	8194	0.935	ug/l	93
79) 2-Chlorotoluene	12.65	91	5114	0.979	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	5325	0.814	ug/l	98
82) 4-Chlorotoluene	12.75	91	4981	0.907	ug/l	98
83) tert-Butylbenzene	12.97	119	4811	0.837	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	4707	0.724	ug/l	93
85) sec-Butylbenzene	13.15	105	6018	0.812	ug/l	100
86) p-Isopropyltoluene	13.26	119	4850	0.712	ug/l	94
87) 1,3-Dichlorobenzene	13.26	146	3527	0.998	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	3842m	1.068	ug/l	
89) n-Butylbenzene	13.59	91	4525	0.796	ug/l	97
90) Hexachloroethane	13.84	117	960	1.161	ug/l	87
91) 1,2-Dichlorobenzene	13.63	146	3036	0.898	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.25	75	312	0.704	ug/l	83
93) 1,2,4-Trichlorobenzene	14.89	180	1342	0.701	ug/l	91
94) Hexachlorobutadiene	14.98	225	639	0.785	ug/l	90
95) Naphthalene	15.11	128	3448	0.599	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.28	180	1355	0.720	ug/l	90

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

