

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110918\
 Data File : VN052224.D
 Acq On : 9 Nov 2018 13:39
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 9:18:28 AM

Quant Time: Nov 12 00:35:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:20:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	262942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	458635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	394712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150502	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	1.85	85	2937	1.027	ug/l	97
3) Chloromethane	2.06	50	4499	1.127	ug/l	96
4) Vinyl Chloride	2.19	62	3531	1.062	ug/l #	87
5) Bromomethane	2.58	94	2647	1.255	ug/l	98
6) Chloroethane	2.72	64	2518	1.275	ug/l	93
7) Trichlorofluoromethane	3.02	101	5512	1.191	ug/l	95
8) Diethyl Ether	3.42	74	2227	1.223	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.77	101	3595m	1.211	ug/l	
12) 1,1-Dichloroethene	3.74	96	3094	1.126	ug/l	93
14) Allyl chloride	4.32	41	6991	1.215	ug/l #	80
15) Acrylonitrile	4.99	53	5659	4.995	ug/l	95
16) Acetone	3.82	43	7248m	6.922	ug/l	
17) Carbon Disulfide	4.06	76	8914	1.118	ug/l #	80
18) Methyl Acetate	4.32	43	4007m	1.334	ug/l	
19) Methyl tert-butyl Ether	5.04	73	8116	1.033	ug/l	91
20) Methylene Chloride	4.56	84	3998m	1.218	ug/l	
21) trans-1,2-Dichloroethene	5.04	96	3325	1.113	ug/l #	73
22) Diisopropyl ether	5.96	45	12897m	1.112	ug/l	
23) Vinyl Acetate	5.90	43	39031	4.930	ug/l	98
24) 1,1-Dichloroethane	5.86	63	7111m	1.167	ug/l	
25) 2-Butanone	6.84	43	9155	5.968	ug/l	98
26) 2,2-Dichloropropane	6.82	77	5413	1.216	ug/l	82
27) cis-1,2-Dichloroethene	6.83	96	3547	1.061	ug/l	92
28) Bromochloromethane	7.19	49	3016	1.002	ug/l #	94
29) Tetrahydrofuran	7.21	42	6585m	6.596	ug/l	
30) Chloroform	7.38	83	6653	1.154	ug/l	91
31) Cyclohexane	7.66	56	13244	1.873	ug/l #	51
32) 1,1,1-Trichloroethane	7.57	97	4979	1.059	ug/l #	40
36) 1,1-Dichloropropene	7.80	75	5363	1.159	ug/l	96
37) Ethyl Acetate	6.94	43	4470	1.258	ug/l #	86
38) Carbon Tetrachloride	7.77	117	4400	1.049	ug/l	98
39) Methylcyclohexane	9.08	83	5616	1.064	ug/l	94
40) Benzene	8.04	78	14934	1.127	ug/l	97
41) Methacrylonitrile	7.17	41	2540	1.255	ug/l #	66

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 1,2-Dichloroethane	8.13	62	5718	1.230	ug/l	82
43) Isopropyl Acetate	8.17	43	6469	1.066	ug/l #	86
44) Trichloroethene	8.84	130	3997	1.203	ug/l	95
45) 1,2-Dichloropropane	9.12	63	4299	1.161	ug/l #	81
46) Dibromomethane	9.21	93	2286	1.075	ug/l	93
47) Bromodichloromethane	9.40	83	5103	1.158	ug/l #	98
48) Methyl methacrylate	9.19	41	3658	1.144	ug/l	92
49) 1,4-Dioxane	9.19	88	649	25.247	ug/l #	70
51) 4-Methyl-2-Pentanone	9.98	43	18153	5.416	ug/l	99
52) Toluene	10.16	92	8711	1.090	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	4193	0.964	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	5353	1.043	ug/l	99
55) 1,1,2-Trichloroethane	10.57	97	3294	1.140	ug/l	97
56) Ethyl methacrylate	10.43	69	4337	1.110	ug/l #	91
57) 1,3-Dichloropropane	10.71	76	6005	1.161	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.69	63	9705	4.488	ug/l	98
59) 2-Hexanone	10.75	43	12888	5.478	ug/l	99
60) Dibromochloromethane	10.90	129	2683	0.915	ug/l	91
61) 1,2-Dibromoethane	11.00	107	3098	1.091	ug/l	95
64) Tetrachloroethene	10.63	164	3287	1.189	ug/l	91
65) Chlorobenzene	11.43	112	9481	1.134	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.51	131	2964	1.046	ug/l #	59
67) Ethyl Benzene	11.51	91	16173	1.099	ug/l	92
68) m/p-Xylenes	11.62	106	12062	2.202	ug/l	96
69) o-Xylene	11.95	106	5271	1.007	ug/l	100
70) Styrene	11.96	104	8523	1.008	ug/l	97
71) Bromoform	12.13	173	1591	0.941	ug/l #	98
73) Isopropylbenzene	12.25	105	13809	1.122	ug/l	96
74) N-amyl acetate	12.07	43	4806	1.076	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	3637	1.206	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	2889m	1.089	ug/l	
77) Bromobenzene	12.53	156	3432	1.192	ug/l	97
78) n-propylbenzene	12.59	91	16405	1.138	ug/l	94
79) 2-Chlorotoluene	12.67	91	9751	1.168	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	10946	1.119	ug/l	90
81) trans-1,4-Dichloro-2-buten	12.30	75	756	0.969	ug/l #	22
82) 4-Chlorotoluene	12.77	91	9205	1.099	ug/l	100
83) tert-Butylbenzene	12.99	119	9839	1.152	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	10871	1.102	ug/l	99
85) sec-Butylbenzene	13.17	105	12748	1.088	ug/l	99
86) p-Isopropyltoluene	13.29	119	10286	1.050	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	5807	1.158	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	5842m	1.164	ug/l	
89) n-Butylbenzene	13.61	91	8868	1.016	ug/l	97
90) Hexachloroethane	13.86	117	1879	1.092	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	5850	1.196	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	440	1.026	ug/l #	70
93) 1,2,4-Trichlorobenzene	14.91	180	1464	0.757	ug/l	91
94) Hexachlorobutadiene	15.00	225	1130	1.075	ug/l	95
95) Naphthalene	15.13	128	4037	0.847	ug/l #	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.31	180	1738	0.950	ug/l	91

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

