

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110518\
 Data File : VN052143.D
 Acq On : 5 Nov 2018 12:43
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 11/6/2018 9:56:41 AM

Quant Time: Nov 05 22:18:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:07:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	463484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	771285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	663497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	251484	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	3966	0.981	ug/l	92
3) Chloromethane	2.06	50	5829	1.069	ug/l	95
4) Vinyl Chloride	2.18	62	5374	1.029	ug/l	99
5) Bromomethane	2.55	94	4776	1.223	ug/l	81
6) Chloroethane	2.70	64	3419	1.023	ug/l	99
7) Trichlorofluoromethane	3.02	101	7604	1.002	ug/l	100
8) Diethyl Ether	3.41	74	2706	1.021	ug/l	72
9) 1,1,2-Trichlorotrifluoroet	3.76	101	4337	0.956	ug/l #	58
12) 1,1-Dichloroethene	3.73	96	4289	1.005	ug/l #	81
14) Allyl chloride	4.33	41	7330	1.029	ug/l #	71
15) Acrylonitrile	4.99	53	7465	4.745	ug/l #	46
16) Acetone	3.81	43	7451	5.984	ug/l #	71
17) Carbon Disulfide	4.05	76	12670	1.040	ug/l	99
18) Methyl Acetate	4.33	43	4988m	1.294	ug/l	
19) Methyl tert-butyl Ether	5.03	73	10824m	0.920	ug/l	
20) Methylene Chloride	4.55	84	5789	1.119	ug/l #	86
21) trans-1,2-Dichloroethene	5.05	96	4865m	1.096	ug/l	
22) Diisopropyl ether	5.96	45	15278m	0.972	ug/l	
23) Vinyl Acetate	5.89	43	42756	4.138	ug/l	97
24) 1,1-Dichloroethane	5.84	63	8734	0.983	ug/l #	85
25) 2-Butanone	6.84	43	10191	5.278	ug/l #	89
26) 2,2-Dichloropropane	6.82	77	6705	0.965	ug/l #	67
27) cis-1,2-Dichloroethene	6.82	96	5275	0.979	ug/l	68
28) Bromochloromethane	7.19	49	4376	1.040	ug/l #	51
29) Tetrahydrofuran	7.22	42	5746	4.810	ug/l #	81
30) Chloroform	7.37	83	8156m	0.922	ug/l	
31) Cyclohexane	7.66	56	17213	1.715	ug/l #	36
32) 1,1,1-Trichloroethane	7.57	97	7579m	0.965	ug/l	
36) 1,1-Dichloropropene	7.79	75	7202	1.056	ug/l	94
37) Ethyl Acetate	6.92	43	1360	0.317	ug/l #	81
38) Carbon Tetrachloride	7.76	117	6856m	1.006	ug/l	
39) Methylcyclohexane	9.08	83	7709	0.954	ug/l	97
40) Benzene	8.04	78	19320	0.963	ug/l #	87
41) Methacrylonitrile	7.18	41	1190	0.539	ug/l #	60

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.13	62	6782	1.052	ug/l	85
43) Isopropyl Acetate	8.16	43	8064	1.036	ug/l #	90
44) Trichloroethene	8.83	130	5387	1.014	ug/l	90
45) 1,2-Dichloropropane	9.12	63	5224	0.983	ug/l	94
46) Dibromomethane	9.21	93	3759	1.113	ug/l #	79
47) Bromodichloromethane	9.40	83	5974	0.907	ug/l	92
48) Methyl methacrylate	9.20	41	3373	0.900	ug/l #	86
49) 1,4-Dioxane	9.21	88	324	10.714	ug/l #	45
51) 4-Methyl-2-Pentanone	9.99	43	18916	4.599	ug/l	100
52) Toluene	10.15	92	10780	0.891	ug/l	95
53) t-1,3-Dichloropropene	10.38	75	5503	0.851	ug/l #	80
54) cis-1,3-Dichloropropene	9.84	75	6484	0.857	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	3653	0.857	ug/l #	77
56) Ethyl methacrylate	10.43	69	4829	0.869	ug/l	93
57) 1,3-Dichloropropane	10.71	76	7135	0.950	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	13462	4.500	ug/l	97
59) 2-Hexanone	10.75	43	13360	4.666	ug/l	98
60) Dibromochloromethane	10.90	129	3999	0.825	ug/l	92
61) 1,2-Dibromoethane	11.00	107	3416	0.789	ug/l	81
64) Tetrachloroethene	10.63	164	3854	0.897	ug/l #	91
65) Chlorobenzene	11.43	112	14304	1.058	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.50	131	4145	0.913	ug/l #	62
67) Ethyl Benzene	11.51	91	21043	0.937	ug/l	93
68) m/p-Xylenes	11.62	106	16569	1.912	ug/l	95
69) o-Xylene	11.94	106	7980	0.949	ug/l	94
70) Styrene	11.96	104	12239	0.920	ug/l	92
71) Bromoform	12.12	173	1943	0.739	ug/l #	93
73) Isopropylbenzene	12.25	105	19102	1.005	ug/l	97
74) N-amyl acetate	12.07	43	5645	0.938	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	4253	1.022	ug/l	97
76) 1,2,3-Trichloropropane	12.56	75	4637m	1.381	ug/l	
77) Bromobenzene	12.52	156	4639	1.023	ug/l	95
78) n-propylbenzene	12.59	91	22045	1.014	ug/l	98
79) 2-Chlorotoluene	12.67	91	13378	1.050	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	16010	1.040	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.31	75	1025	0.927	ug/l #	37
82) 4-Chlorotoluene	12.77	91	13120	1.024	ug/l	99
83) tert-Butylbenzene	12.99	119	14208	1.045	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	14845	0.969	ug/l	95
85) sec-Butylbenzene	13.17	105	18977	1.033	ug/l	100
86) p-Isopropyltoluene	13.29	119	15053	0.973	ug/l	96
87) 1,3-Dichlorobenzene	13.28	146	8285	1.034	ug/l	93
88) 1,4-Dichlorobenzene	13.36	146	8193m	1.023	ug/l	
89) n-Butylbenzene	13.61	91	14171	1.058	ug/l	98
90) Hexachloroethane	13.87	117	2313	0.887	ug/l	77
91) 1,2-Dichlorobenzene	13.65	146	7323	0.974	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	466	0.848	ug/l	74
93) 1,2,4-Trichlorobenzene	14.90	180	4467	1.278	ug/l	88
94) Hexachlorobutadiene	15.01	225	3343	1.645	ug/l	92
95) Naphthalene	15.13	128	8518	1.106	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	4195	1.355	ug/l #	89

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

