

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101718\
 Data File : VN051905.D
 Acq On : 17 Oct 2018 13:43
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 3:29:36 PM

Quant Time: Oct 19 05:02:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 19 04:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	816750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1175767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	952640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	300932	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	4889	0.99	ug/l	96
3) Chloromethane	2.06	50	5134	1.06	ug/l #	88
4) Vinyl Chloride	2.19	62	7685	1.05	ug/l	96
5) Bromomethane	2.57	94	9750	1.40	ug/l	95
6) Chloroethane	2.70	64	5452	1.03	ug/l	93
7) Trichlorofluoromethane	3.02	101	10742	0.96	ug/l	87
8) Diethyl Ether	3.41	74	3111	0.94	ug/l	57
9) 1,1,2-Trichlorotrifluoroet	3.75	101	5935	0.92	ug/l #	77
12) 1,1-Dichloroethene	3.74	96	5512	0.94	ug/l	91
14) Allyl chloride	4.32	41	4752	0.77	ug/l #	62
15) Acrylonitrile	5.00	53	6247m	3.90	ug/l	
16) Acetone	3.82	43	6704	5.00	ug/l	96
17) Carbon Disulfide	4.05	76	16712	1.14	ug/l	98
18) Methyl Acetate	4.34	43	5630m	1.26	ug/l	
19) Methyl tert-butyl Ether	5.05	73	15107	0.89	ug/l #	90
20) Methylene Chloride	4.55	84	7221	1.06	ug/l	91
21) trans-1,2-Dichloroethene	5.05	96	6646	0.98	ug/l	84
22) Diisopropyl ether	5.96	45	12526	0.84	ug/l	92
23) Vinyl Acetate	5.90	43	39868	3.90	ug/l #	91
24) 1,1-Dichloroethane	5.85	63	9903	0.92	ug/l #	93
25) 2-Butanone	6.85	43	7420	3.87	ug/l #	83
26) 2,2-Dichloropropane	6.83	77	8901m	0.88	ug/l	
27) cis-1,2-Dichloroethene	6.84	96	7207	0.92	ug/l	99
28) Bromochloromethane	7.20	49	3990	0.91	ug/l #	87
29) Tetrahydrofuran	7.22	42	5224	4.46	ug/l #	71
30) Chloroform	7.37	83	11767	0.92	ug/l	97
31) Cyclohexane	7.66	56	22579	1.93	ug/l #	58
32) 1,1,1-Trichloroethane	7.57	97	10542	0.88	ug/l #	45
36) 1,1-Dichloropropene	7.79	75	9456	1.04	ug/l	93
37) Ethyl Acetate	6.93	43	2806	0.70	ug/l #	67
38) Carbon Tetrachloride	7.77	117	10020	0.93	ug/l #	87
39) Methylcyclohexane	9.08	83	10362	0.92	ug/l #	91
40) Benzene	8.04	78	23980	0.90	ug/l #	86
41) Methacrylonitrile	7.17	41	1818	0.88	ug/l #	28

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.13	62	7424	0.87	ug/l	84
43) Isopropyl Acetate	8.17	43	5734	0.71	ug/l #	89
44) Trichloroethene	8.84	130	7574	0.91	ug/l	85
45) 1,2-Dichloropropane	9.12	63	5405	0.88	ug/l #	87
46) Dibromomethane	9.21	93	4174	0.89	ug/l	95
47) Bromodichloromethane	9.41	83	8149	0.87	ug/l #	83
48) Methyl methacrylate	9.21	41	2877	0.78	ug/l	93
49) 1,4-Dioxane	9.20	88	1121	16.02	ug/l #	77
51) 4-Methyl-2-Pentanone	9.98	43	16408	3.86	ug/l	99
52) Toluene	10.16	92	14194	0.80	ug/l	89
53) t-1,3-Dichloropropene	10.38	75	6659	0.75	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	7629	0.77	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	4853	0.74	ug/l	92
56) Ethyl methacrylate	10.43	69	5391	0.74	ug/l	96
57) 1,3-Dichloropropane	10.71	76	7989	0.80	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.70	63	10957	3.54	ug/l	90
59) 2-Hexanone	10.75	43	10547	3.70	ug/l	92
60) Dibromochloromethane	10.90	129	5206	0.68	ug/l	100
61) 1,2-Dibromoethane	11.00	107	5410	0.79	ug/l	96
64) Tetrachloroethene	10.63	164	7654	1.00	ug/l	91
65) Chlorobenzene	11.43	112	18048	0.95	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	5911	0.83	ug/l #	66
67) Ethyl Benzene	11.51	91	28899	0.93	ug/l	96
68) m/p-Xylenes	11.62	106	21343	1.70	ug/l	93
69) o-Xylene	11.95	106	10029	0.82	ug/l	93
70) Styrene	11.97	104	14352	0.76	ug/l	96
71) Bromoform	12.12	173	2491	0.56	ug/l #	80
73) Isopropylbenzene	12.25	105	27740	1.19	ug/l	98
74) N-amyl acetate	12.08	43	4030	1.01	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.50	83	5199	1.10	ug/l	95
76) 1,2,3-Trichloropropane	12.55	75	4022m	1.06	ug/l	
77) Bromobenzene	12.53	156	6781	1.14	ug/l	94
78) n-propylbenzene	12.59	91	26375	1.09	ug/l	100
79) 2-Chlorotoluene	12.67	91	18532	1.26	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	20804	1.10	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	607	0.60	ug/l #	67
82) 4-Chlorotoluene	12.77	91	15768	1.11	ug/l	97
83) tert-Butylbenzene	12.99	119	21236	1.20	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	18536	1.00	ug/l	98
85) sec-Butylbenzene	13.17	105	24538	1.09	ug/l	99
86) p-Isopropyltoluene	13.29	119	18279	0.94	ug/l	97
87) 1,3-Dichlorobenzene	13.29	146	9891	0.99	ug/l	93
88) 1,4-Dichlorobenzene	13.36	146	10218m	1.04	ug/l	
89) n-Butylbenzene	13.62	91	10913	0.77	ug/l	95
90) Hexachloroethane	13.88	117	3213	0.99	ug/l	91
91) 1,2-Dichlorobenzene	13.65	146	9153	0.95	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.27	75	517	0.82	ug/l	86
93) 1,2,4-Trichlorobenzene	14.91	180	3860	0.92	ug/l	93
94) Hexachlorobutadiene	15.01	225	3073	1.00	ug/l	87
95) Naphthalene	15.13	128	7202	0.86	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.31	180	3705	0.89	ug/l	97

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

