

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071618\
 Data File : VX003389.D
 Acq On : 16 Jul 2018 10:27
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 7/17/2018 1:46:29 PM

Quant Time: Jul 16 12:50:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 12:43:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	376078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	536045	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	492319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	269097	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	1.20	85	4202	1.25	ug/l	98
3) Chloromethane	1.32	50	5534	1.29	ug/l	98
4) Vinyl Chloride	1.40	62	5487	1.13	ug/l	100
5) Bromomethane	1.64	94	4874	1.77	ug/l	96
6) Chloroethane	1.72	64	4059	1.29	ug/l	100
7) Trichlorofluoromethane	1.93	101	7465	1.07	ug/l	97
8) Diethyl Ether	2.19	74	3250	1.05	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	4756	1.06	ug/l	96
12) 1,1-Dichloroethene	2.37	96	4341	1.04	ug/l	81
14) Allyl chloride	2.73	41	7801	0.97	ug/l #	88
15) Acrylonitrile	3.15	53	13337	4.90	ug/l	99
16) Acetone	2.45	43	11384	5.39	ug/l	98
17) Carbon Disulfide	2.57	76	12733	1.24	ug/l	95
18) Methyl Acetate	2.78	43	6320	0.96	ug/l #	84
19) Methyl tert-butyl Ether	3.21	73	14236	0.95	ug/l	100
20) Methylene Chloride	2.86	84	6020	1.18	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	5011	1.12	ug/l	89
22) Diisopropyl ether	3.88	45	16143	1.08	ug/l	96
23) Vinyl Acetate	3.82	43	62786	5.15	ug/l	96
24) 1,1-Dichloroethane	3.69	63	8637	1.02	ug/l	99
25) 2-Butanone	4.71	43	16267	4.97	ug/l	99
26) 2,2-Dichloropropane	4.58	77	6435	1.08	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	4946	1.01	ug/l #	12
28) Bromochloromethane	5.01	49	3754	0.97	ug/l	90
29) Tetrahydrofuran	5.17	42	10381	4.97	ug/l	95
30) Chloroform	5.21	83	7828	0.97	ug/l	99
31) Cyclohexane	5.57	56	6352	0.98	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	6266	0.93	ug/l #	51
36) 1,1-Dichloropropene	5.80	75	5996	1.05	ug/l	96
37) Ethyl Acetate	4.86	43	6570	1.05	ug/l #	89
38) Carbon Tetrachloride	5.78	117	5776	0.99	ug/l	91
39) Methylcyclohexane	7.46	83	6675	1.04	ug/l	96
40) Benzene	6.14	78	17331	0.97	ug/l	99
41) Methacrylonitrile	5.07	41	3538	0.99	ug/l	94

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

42) 1,2-Dichloroethane	6.20	62	6247	1.00	ug/l	94
43) Isopropyl Acetate	6.48	43	9330	0.95	ug/l	98
44) Trichloroethene	7.21	130	5138	1.02	ug/l	91
45) 1,2-Dichloropropane	7.52	63	4678	0.99	ug/l	95
46) Dibromomethane	7.67	93	3203	1.05	ug/l	97
47) Bromodichloromethane	7.90	83	5278	0.92	ug/l #	96
48) Methyl methacrylate	7.78	41	4623	0.93	ug/l	95
49) 1,4-Dioxane	7.76	88	2054	18.86	ug/l #	81
51) 4-Methyl-2-Pentanone	8.65	43	27240	4.26	ug/l	93
52) Toluene	8.79	92	10221	0.90	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	5680	0.84	ug/l	94
54) cis-1,3-Dichloropropene	9.04	75	4999	0.81	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	4406	0.93	ug/l	97
56) Ethyl methacrylate	9.18	69	5332	0.79	ug/l	91
57) 1,3-Dichloropropane	9.38	76	6912	0.90	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.32	63	13490	4.12	ug/l	98
59) 2-Hexanone	9.50	43	20456	4.34	ug/l	99
60) Dibromochloromethane	9.59	129	3940	0.86	ug/l	97
61) 1,2-Dibromoethane	9.68	107	4404	0.93	ug/l	96
64) Tetrachloroethene	9.34	164	5456	1.02	ug/l	94
65) Chlorobenzene	10.14	112	12402	0.98	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	4056	0.91	ug/l #	67
67) Ethyl Benzene	10.26	91	19277	0.94	ug/l	100
68) m/p-Xylenes	10.36	106	13934	1.76	ug/l	95
69) o-Xylene	10.70	106	6441	0.83	ug/l	98
70) Styrene	10.71	104	10084	0.78	ug/l	100
71) Bromoform	10.86	173	3025	0.88	ug/l #	98
73) Isopropylbenzene	11.02	105	16491	0.89	ug/l	100
74) N-amyl acetate	6.48	43	9330	1.08	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	5886	0.97	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	5253m	0.99	ug/l	
77) Bromobenzene	11.26	156	5098	0.97	ug/l	100
78) n-propylbenzene	11.36	91	18253	0.87	ug/l	99
79) 2-Chlorotoluene	11.43	91	11909	0.92	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	12515	0.81	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	1235	0.77	ug/l #	79
82) 4-Chlorotoluene	11.51	91	13821	0.91	ug/l	99
83) tert-Butylbenzene	11.77	119	12575	0.82	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	13213	0.84	ug/l	98
85) sec-Butylbenzene	11.95	105	15479	0.85	ug/l	99
86) p-Isopropyltoluene	12.07	119	13125	0.80	ug/l	91
87) 1,3-Dichlorobenzene	12.03	146	9783	1.00	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	10134m	1.02	ug/l	
89) n-Butylbenzene	12.39	91	12247	0.88	ug/l	98
90) Hexachloroethane	12.60	117	2228	0.91	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	9611	0.98	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1093	0.91	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	6295	0.94	ug/l	98
94) Hexachlorobutadiene	13.79	225	3214	1.01	ug/l	96
95) Naphthalene	13.84	128	15017	0.80	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	6278	0.93	ug/l	98

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

