

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102418\
 Data File : VX005532.D
 Acq On : 24 Oct 2018 10:39
 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
 10/26/2018 11:52:57 AM

Quant Time: Oct 25 01:59:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 01:45:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	257906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	378954	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184803	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	2307	0.906 ug/l	81
3) Chloromethane	1.32	50	3617	1.116 ug/l	99
4) Vinyl Chloride	1.41	62	3614	1.134 ug/l	95
5) Bromomethane	1.64	94	2269	1.144 ug/l	95
6) Chloroethane	1.72	64	2508	1.232 ug/l	92
7) Trichlorofluoromethane	1.93	101	5199	1.174 ug/l	98
8) Diethyl Ether	2.19	74	2228	1.260 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3086	1.214 ug/l	96
12) 1,1-Dichloroethene	2.37	96	3090	1.276 ug/l	97
14) Allyl chloride	2.73	41	6163	1.141 ug/l	95
15) Acrylonitrile	3.15	53	11401	6.001 ug/l	99
16) Acetone	2.44	43	9658	5.806 ug/l	97
17) Carbon Disulfide	2.57	76	8858	1.200 ug/l	98
18) Methyl Acetate	2.78	43	6126	1.315 ug/l	96
19) Methyl tert-butyl Ether	3.20	73	10181	1.179 ug/l	95
20) Methylene Chloride	2.85	84	3461	1.242 ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	3334	1.261 ug/l	97
22) Diisopropyl ether	3.87	45	11378	1.206 ug/l #	93
23) Vinyl Acetate	3.82	43	48581	5.846 ug/l	99
24) 1,1-Dichloroethane	3.70	63	6438	1.255 ug/l	97
25) 2-Butanone	4.70	43	13783	5.441 ug/l	99
26) 2,2-Dichloropropane	4.59	77	4877	1.231 ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	3443	1.208 ug/l	97
28) Bromochloromethane	5.01	49	3014	1.215 ug/l #	97
29) Tetrahydrofuran	5.15	42	8751	5.308 ug/l	97
30) Chloroform	5.21	83	5848	1.219 ug/l	93
31) Cyclohexane	5.58	56	4518	1.064 ug/l #	93
32) 1,1,1-Trichloroethane	5.49	97	5023	1.186 ug/l #	50
36) 1,1-Dichloropropene	5.80	75	4445	1.209 ug/l	98
37) Ethyl Acetate	4.85	43	5303	1.130 ug/l	97
38) Carbon Tetrachloride	5.77	117	4770	1.231 ug/l	84
39) Methylcyclohexane	7.46	83	4462	1.099 ug/l	94
40) Benzene	6.14	78	12013	1.140 ug/l	94
41) Methacrylonitrile	5.06	41	2931	1.121 ug/l	96

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

42) 1,2-Dichloroethane	6.19	62	4859	1.213	ug/l	96
43) Isopropyl Acetate	6.46	43	7556	1.074	ug/l	98
44) Trichloroethene	7.21	130	3485	1.213	ug/l	95
45) 1,2-Dichloropropane	7.51	63	3450	1.217	ug/l	99
46) Dibromomethane	7.66	93	2238	1.223	ug/l	93
47) Bromodichloromethane	7.90	83	4221	1.188	ug/l #	96
48) Methyl methacrylate	7.77	41	3468	1.012	ug/l	94
49) 1,4-Dioxane	7.76	88	1623	21.678	ug/l #	90
51) 4-Methyl-2-Pentanone	8.65	43	24172	5.114	ug/l	98
52) Toluene	8.79	92	6981	1.090	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	3887	1.012	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	4145	1.003	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	3239	1.199	ug/l	90
56) Ethyl methacrylate	9.18	69	3919	0.973	ug/l	89
57) 1,3-Dichloropropane	9.37	76	5359	1.172	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	11126	4.944	ug/l	99
59) 2-Hexanone	9.49	43	17509	4.699	ug/l	95
60) Dibromochloromethane	9.58	129	2965	1.052	ug/l	96
61) 1,2-Dibromoethane	9.67	107	3145	1.125	ug/l	100
64) Tetrachloroethene	9.34	164	3589	1.241	ug/l	96
65) Chlorobenzene	10.13	112	8658	1.167	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.22	131	3125	1.155	ug/l #	67
67) Ethyl Benzene	10.25	91	12935	1.060	ug/l	97
68) m/p-Xylenes	10.36	106	9913	2.093	ug/l	96
69) o-Xylene	10.69	106	4303	0.966	ug/l	91
70) Styrene	10.71	104	7011	0.940	ug/l	98
71) Bromoform	10.86	173	2482	1.028	ug/l #	99
73) Isopropylbenzene	11.02	105	11996	1.062	ug/l	98
74) N-amyl acetate	10.90	43	5363	0.958	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	4843	1.162	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	4757m	1.256	ug/l	
77) Bromobenzene	11.26	156	3730	1.185	ug/l	97
78) n-propylbenzene	11.36	91	12981	1.005	ug/l	98
79) 2-Chlorotoluene	11.42	91	8890	1.110	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	9855	1.020	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.07	75	1136	0.948	ug/l #	65
82) 4-Chlorotoluene	11.51	91	10042	1.063	ug/l	98
83) tert-Butylbenzene	11.77	119	9978	1.036	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	9190	0.938	ug/l	96
85) sec-Butylbenzene	11.94	105	11293	0.982	ug/l	96
86) p-Isopropyltoluene	12.07	119	9586	0.933	ug/l	87
87) 1,3-Dichlorobenzene	12.02	146	6738	1.138	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	7634m	1.233	ug/l	
89) n-Butylbenzene	12.39	91	9226	0.995	ug/l	99
90) Hexachloroethane	12.60	117	1840	1.038	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	6912	1.154	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1154	1.145	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	4574	1.053	ug/l	99
94) Hexachlorobutadiene	13.79	225	2849	1.266	ug/l	94
95) Naphthalene	13.83	128	11500	0.911	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	4464	1.014	ug/l	96

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

