

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008605.D
 Acq On : 03 Apr 2019 09:33
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 3:38:06 PM

Quant Time: Apr 04 04:15:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:04:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	217468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	357350	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	315264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141576	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	3356	1.341	ug/l	98
3) Chloromethane	1.32	50	4965	1.436	ug/l	95
4) Vinyl Chloride	1.40	62	4606	1.361	ug/l	99
5) Bromomethane	1.64	94	2052	1.137	ug/l #	78
6) Chloroethane	1.72	64	3311	1.393	ug/l	96
7) Trichlorofluoromethane	1.93	101	5262	1.407	ug/l	98
8) Diethyl Ether	2.19	74	2649	1.493	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3135	1.302	ug/l	98
12) 1,1-Dichloroethene	2.37	96	3296	1.311	ug/l	94
14) Allyl chloride	2.73	41	7384	1.283	ug/l	91
15) Acrylonitrile	3.14	53	12959	6.587	ug/l	98
16) Acetone	2.44	43	12335	6.752	ug/l	99
17) Carbon Disulfide	2.57	76	10461	1.295	ug/l #	94
18) Methyl Acetate	2.77	43	5460	1.232	ug/l	92
19) Methyl tert-butyl Ether	3.19	73	11824	1.317	ug/l	100
20) Methylene Chloride	2.85	84	4511	1.475	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	3625	1.333	ug/l	87
22) Diisopropyl ether	3.85	45	14204	1.280	ug/l #	80
23) Vinyl Acetate	3.81	43	59581	6.174	ug/l	100
24) 1,1-Dichloroethane	3.70	63	7454	1.357	ug/l #	95
25) 2-Butanone	4.67	43	18080	6.261	ug/l	98
26) 2,2-Dichloropropane	4.58	77	5158	1.333	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	4073	1.303	ug/l	95
28) Bromochloromethane	5.01	49	3823	1.467	ug/l #	96
29) Tetrahydrofuran	5.12	42	12232	6.382	ug/l	96
30) Chloroform	5.21	83	6623	1.350	ug/l	95
31) Cyclohexane	5.57	56	7178	1.310	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	5304	1.338	ug/l #	50
36) 1,1-Dichloropropene	5.80	75	4902	1.255	ug/l	92
37) Ethyl Acetate	4.83	43	6140	1.178	ug/l #	85
38) Carbon Tetrachloride	5.78	117	4220	1.305	ug/l #	84
39) Methylcyclohexane	7.46	83	6801	1.409	ug/l	98
40) Benzene	6.13	78	15586	1.339	ug/l	97
41) Methacrylonitrile	5.04	41	4103	1.369	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.19	62	5816	1.394	ug/l	97
43) Isopropyl Acetate	6.45	43	10579	1.295	ug/l	98
44) Trichloroethene	7.21	130	3777	1.394	ug/l	92
45) 1,2-Dichloropropane	7.51	63	4686	1.411	ug/l #	87
46) Dibromomethane	7.66	93	2552	1.325	ug/l	98
47) Bromodichloromethane	7.89	83	4621	1.272	ug/l #	93
48) Methyl methacrylate	7.77	41	4689	1.135	ug/l	89
49) 1,4-Dioxane	7.74	88	2277	29.420	ug/l #	90
51) 4-Methyl-2-Pentanone	8.64	43	32582	6.197	ug/l	98
52) Toluene	8.78	92	9251	1.348	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	4830	1.187	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	5424	1.167	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	3721	1.351	ug/l	93
56) Ethyl methacrylate	9.18	69	5993	1.203	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	7100	1.436	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	9067	3.564	ug/l	97
59) 2-Hexanone	9.49	43	25364	6.207	ug/l	99
60) Dibromochloromethane	9.58	129	3065	1.181	ug/l	98
61) 1,2-Dibromoethane	9.67	107	3817	1.331	ug/l	96
64) Tetrachloroethene	9.33	164	3199	1.370	ug/l	98
65) Chlorobenzene	10.13	112	9221	1.319	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.22	131	2937	1.198	ug/l #	59
67) Ethyl Benzene	10.25	91	17311	1.328	ug/l	99
68) m/p-Xylenes	10.36	106	12274	2.620	ug/l	99
69) o-Xylene	10.69	106	5909	1.301	ug/l	96
70) Styrene	10.71	104	9661	1.234	ug/l	99
71) Bromoform	10.86	173	2120	1.132	ug/l #	99
73) Isopropylbenzene	11.02	105	15722	1.340	ug/l	99
74) N-amyl acetate	10.90	43	8287	1.201	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	6276	1.406	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	5146m	1.230	ug/l	
77) Bromobenzene	11.26	156	3788	1.343	ug/l	98
78) n-propylbenzene	11.35	91	17661	1.293	ug/l	100
79) 2-Chlorotoluene	11.42	91	10568	1.278	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	12690	1.288	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	1404	0.995	ug/l #	67
82) 4-Chlorotoluene	11.51	91	11990	1.253	ug/l	100
83) tert-Butylbenzene	11.77	119	12458	1.315	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	12803	1.284	ug/l	98
85) sec-Butylbenzene	11.94	105	14342	1.274	ug/l	100
86) p-Isopropyltoluene	12.06	119	12763	1.263	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	6930	1.372	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	6768m	1.324	ug/l	
89) n-Butylbenzene	12.38	91	11200	1.182	ug/l	98
90) Hexachloroethane	12.59	117	1980	1.182	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	6687	1.334	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1227	1.250	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	4239	1.216	ug/l	96
94) Hexachlorobutadiene	13.78	225	2343	1.402	ug/l	96
95) Naphthalene	13.83	128	12866	1.104	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	4585	1.316	uq/l	95

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

