

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003881.D
 Acq On : 07 Aug 2018 15:12
 Operator : JC/MD
 Sample : VX0807WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/8/2018 12:01:23 PM

Quant Time: Aug 08 01:57:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	348501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	510760	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	478489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	252026	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	239915	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
35) Dibromofluoromethane	5.51	113	195398	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	8.72	98	771694	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
62) 4-Bromofluorobenzene	11.14	95	280558	57.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	70766	20.04	ug/l	99
3) Chloromethane	1.32	50	90127	18.76	ug/l	98
4) Vinyl Chloride	1.40	62	92073	19.21	ug/l	98
5) Bromomethane	1.64	94	58774	20.86	ug/l	99
6) Chloroethane	1.72	64	66726	21.76	ug/l	98
7) Trichlorofluoromethane	1.93	101	121217	19.16	ug/l	97
8) Diethyl Ether	2.19	74	54907	19.31	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	74953	18.95	ug/l	100
10) Methyl Iodide	2.51	142	90583	18.41	ug/l	100
11) Tert butyl alcohol	3.07	59	110360	99.41	ug/l	99
12) 1,1-Dichloroethene	2.37	96	71810	19.20	ug/l	94
13) Acrolein	2.29	56	56518	94.85	ug/l	100
14) Allyl chloride	2.73	41	139823	19.39	ug/l	99
15) Acrylonitrile	3.15	53	258747	97.68	ug/l	100
16) Acetone	2.45	43	288361	104.92	ug/l	99
17) Carbon Disulfide	2.57	76	193141	18.50	ug/l	99
18) Methyl Acetate	2.78	43	119940	20.04	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	258390	19.49	ug/l	100
20) Methylene Chloride	2.86	84	86175	18.76	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	78251	18.43	ug/l	97
22) Diisopropyl ether	3.87	45	251362	18.96	ug/l	98
23) Vinyl Acetate	3.82	43	1070043	97.03	ug/l	100
24) 1,1-Dichloroethane	3.70	63	153265	19.47	ug/l	99
25) 2-Butanone	4.71	43	414777	100.38	ug/l	99
26) 2,2-Dichloropropane	4.59	77	114480	20.16	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	87807	19.06	ug/l	99
28) Bromochloromethane	5.02	49	68404	20.30	ug/l	99
29) Tetrahydrofuran	5.17	42	206845	97.39	ug/l	99
30) Chloroform	5.21	83	146453	19.76	ug/l	100
31) Cyclohexane	5.57	56	125037	18.78	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	121947	19.62	ug/l	99
36) 1,1-Dichloropropene	5.80	75	108122	18.90	ug/l	99
37) Ethyl Acetate	4.87	43	121813	19.36	ug/l	99
38) Carbon Tetrachloride	5.78	117	103941	19.09	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	124386	18.44	ug/l	99
40) Benzene	6.14	78	334861	19.49	ug/l	100
41) Methacrylonitrile	5.07	41	67081	19.36	ug/l	99
42) 1,2-Dichloroethane	6.20	62	114038	19.63	ug/l	100
43) Isopropyl Acetate	6.47	43	181010	19.11	ug/l	100
44) Trichloroethene	7.21	130	87619	18.65	ug/l	94
45) 1,2-Dichloropropane	7.52	63	85886	19.36	ug/l	100
46) Dibromomethane	7.67	93	55290	19.20	ug/l	99
47) Bromodichloromethane	7.90	83	104193	19.21	ug/l	99
48) Methyl methacrylate	7.78	41	93595	19.44	ug/l	99
49) 1,4-Dioxane	7.76	88	45406	400.42	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	785617	100.09	ug/l	100
52) Toluene	8.79	92	213330	19.65	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	114984	18.75	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	128254	19.40	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	87073	19.63	ug/l	99
56) Ethyl methacrylate	9.18	69	120262	18.69	ug/l	99
57) 1,3-Dichloropropane	9.37	76	144955	19.53	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	320420	101.26	ug/l	100
59) 2-Hexanone	9.50	43	610829	104.11	ug/l	99
60) Dibromochloromethane	9.59	129	81241	19.65	ug/l	100
61) 1,2-Dibromoethane	9.68	107	90165	20.30	ug/l	97
64) Tetrachloroethene	9.34	164	83674	17.78	ug/l	96
65) Chlorobenzene	10.14	112	234763	18.86	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	82015	19.16	ug/l	98
67) Ethyl Benzene	10.26	91	388710	19.07	ug/l	99
68) m/p-Xylenes	10.36	106	312464	39.24	ug/l	97
69) o-Xylene	10.70	106	147807	19.66	ug/l	97
70) Styrene	10.71	104	247358	20.10	ug/l	98
71) Bromoform	10.86	173	61697	18.92	ug/l #	99
73) Isopropylbenzene	11.02	105	395843	21.23	ug/l	96
74) N-amyl acetate	6.47	43	181010	18.67	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	134557	21.06	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	119289m	21.43	ug/l	
77) Bromobenzene	11.26	156	104759	21.06	ug/l	99
78) n-propylbenzene	11.36	91	447905	21.39	ug/l	100
79) 2-Chlorotoluene	11.42	91	271392	21.26	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	331507	21.81	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	37158	19.57	ug/l	96
82) 4-Chlorotoluene	11.51	91	316858	21.19	ug/l	100
83) tert-Butylbenzene	11.77	119	326177	21.81	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	340260	22.26	ug/l	100
85) sec-Butylbenzene	11.95	105	371461	21.05	ug/l	99
86) p-Isopropyltoluene	12.07	119	316442	19.98	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	181501	19.74	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	174752	19.66	ug/l	99
89) n-Butylbenzene	12.39	91	260252	18.86	ug/l	98
90) Hexachloroethane	12.60	117	45258	17.60	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	167422	18.37	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23925	18.28	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	132681	20.24	ug/l	99
94) Hexachlorobutadiene	13.79	225	62424	21.83	ug/l	100
95) Naphthalene	13.83	128	411890	21.94	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	139958	21.40	ug/l	100

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

