

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
 Data File : VX003922.D
 Acq On : 08 Aug 2018 14:38
 Operator : JC/MD
 Sample : VX0808WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/9/2018 10:39:45 AM

Quant Time: Aug 09 03:56:23 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	337216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	489054	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	459134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	269824	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	216905	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
35) Dibromofluoromethane	5.50	113	177599	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	8.72	98	697954	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
62) 4-Bromofluorobenzene	11.14	95	251939	54.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66678	19.51	ug/l	99
3) Chloromethane	1.32	50	82240	17.69	ug/l	99
4) Vinyl Chloride	1.40	62	87404	18.85	ug/l	99
5) Bromomethane	1.64	94	54113	19.61	ug/l	99
6) Chloroethane	1.72	64	64148	21.62	ug/l	98
7) Trichlorofluoromethane	1.93	101	116582	19.04	ug/l	98
8) Diethyl Ether	2.19	74	52613	19.12	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	72501	18.95	ug/l	99
10) Methyl Iodide	2.51	142	92483	19.43	ug/l	99
11) Tert butyl alcohol	3.07	59	100962	93.99	ug/l	100
12) 1,1-Dichloroethene	2.37	96	68896	19.04	ug/l	99
13) Acrolein	2.29	56	52041	89.92	ug/l	98
14) Allyl chloride	2.73	41	133499	19.13	ug/l	99
15) Acrylonitrile	3.15	53	240968	94.01	ug/l	100
16) Acetone	2.45	43	253620	95.37	ug/l	99
17) Carbon Disulfide	2.57	76	184132	18.23	ug/l	97
18) Methyl Acetate	2.78	43	111274	19.22	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	247833	19.32	ug/l	100
20) Methylene Chloride	2.86	84	82771	18.60	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	75258	18.32	ug/l	98
22) Diisopropyl ether	3.87	45	244822	19.09	ug/l	100
23) Vinyl Acetate	3.82	43	1014287	95.05	ug/l	100
24) 1,1-Dichloroethane	3.70	63	138548	18.19	ug/l	97
25) 2-Butanone	4.71	43	381677	95.46	ug/l	100
26) 2,2-Dichloropropane	4.58	77	106220	19.33	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	85343	19.14	ug/l	99
28) Bromochloromethane	5.02	49	65548	20.11	ug/l	99
29) Tetrahydrofuran	5.17	42	190543	92.72	ug/l	100
30) Chloroform	5.21	83	140001	19.52	ug/l	99
31) Cyclohexane	5.57	56	120280	18.67	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	115651	19.23	ug/l	99
36) 1,1-Dichloropropene	5.80	75	104954	19.16	ug/l	100
37) Ethyl Acetate	4.86	43	113183	18.78	ug/l	99
38) Carbon Tetrachloride	5.79	117	100152	19.21	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	116862	18.10	ug/l	99
40) Benzene	6.15	78	321887	19.57	ug/l	100
41) Methacrylonitrile	5.06	41	63689	19.19	ug/l	99
42) 1,2-Dichloroethane	6.20	62	109443	19.68	ug/l	100
43) Isopropyl Acetate	6.47	43	170503	18.80	ug/l	100
44) Trichloroethene	7.21	130	85120	18.92	ug/l	94
45) 1,2-Dichloropropane	7.52	63	81749	19.25	ug/l	98
46) Dibromomethane	7.67	93	52590	19.07	ug/l	100
47) Bromodichloromethane	7.90	83	99665	19.19	ug/l	100
48) Methyl methacrylate	7.78	41	86993	18.87	ug/l	99
49) 1,4-Dioxane	7.76	88	41176	379.23	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	729574	97.07	ug/l	100
52) Toluene	8.79	92	207014	19.92	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	109818	18.70	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	121462	19.19	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	82106	19.33	ug/l	99
56) Ethyl methacrylate	9.18	69	115179	18.69	ug/l	99
57) 1,3-Dichloropropane	9.37	76	139802	19.67	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	306345	101.11	ug/l	99
59) 2-Hexanone	9.50	43	558764	99.46	ug/l	99
60) Dibromochloromethane	9.59	129	77633	19.61	ug/l	100
61) 1,2-Dibromoethane	9.68	107	85066	20.01	ug/l	100
64) Tetrachloroethene	9.34	164	80905	17.91	ug/l	97
65) Chlorobenzene	10.14	112	226614	18.97	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	78126	19.02	ug/l	98
67) Ethyl Benzene	10.26	91	379181	19.39	ug/l	99
68) m/p-Xylenes	10.36	106	299446	39.19	ug/l	96
69) o-Xylene	10.70	106	142075	19.70	ug/l	97
70) Styrene	10.71	104	237072	20.07	ug/l	98
71) Bromoform	10.86	173	57657	18.51	ug/l #	100
73) Isopropylbenzene	11.02	105	383114	19.19	ug/l	97
74) N-amyl acetate	6.47	43	170503	16.43	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	127886	18.69	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	114074m	19.14	ug/l	
77) Bromobenzene	11.26	156	101346	19.03	ug/l	99
78) n-propylbenzene	11.36	91	435070	19.41	ug/l	100
79) 2-Chlorotoluene	11.42	91	262664	19.22	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	316827	19.47	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	34089	17.09	ug/l	94
82) 4-Chlorotoluene	11.51	91	306209	19.13	ug/l	100
83) tert-Butylbenzene	11.77	119	310818	19.41	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	326768	19.97	ug/l	100
85) sec-Butylbenzene	11.95	105	372410	19.71	ug/l	100
86) p-Isopropyltoluene	12.07	119	328952	19.40	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	182962	18.59	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	192093	20.19	ug/l	100
89) n-Butylbenzene	12.39	91	244287	16.53	ug/l	98
90) Hexachloroethane	12.60	117	44102	16.02	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	159832	16.38	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21677	15.47	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	126868	18.08	ug/l	99
94) Hexachlorobutadiene	13.79	225	59506	19.49	ug/l	99
95) Naphthalene	13.83	128	391322	19.47	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	131036	18.71	ug/l	99

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

