

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071918\
 Data File : VX003475.D
 Acq On : 19 Jul 2018 21:01
 Operator : JC/SP
 Sample : VX0719WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 5:22:14 PM

Quant Time: Jul 20 04:17:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	311542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	448144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	421364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	249467	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	199649	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	
35) Dibromofluoromethane	5.51	113	179682	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
50) Toluene-d8	8.72	98	685477	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
62) 4-Bromofluorobenzene	11.14	95	246834	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	53288	21.13	ug/l	99
3) Chloromethane	1.32	50	68465	21.67	ug/l	99
4) Vinyl Chloride	1.40	62	77790	19.66	ug/l	98
5) Bromomethane	1.64	94	40511	24.46	ug/l	98
6) Chloroethane	1.72	64	50696	21.65	ug/l	100
7) Trichlorofluoromethane	1.93	101	107631	20.38	ug/l	98
8) Diethyl Ether	2.19	74	46849	20.66	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	68235	19.74	ug/l	97
10) Methyl Iodide	2.51	142	79830	19.23	ug/l	93
11) Tert butyl alcohol	3.07	59	85130	116.66	ug/l	99
12) 1,1-Dichloroethene	2.37	96	65323	20.53	ug/l	88
13) Acrolein	2.29	56	35382	107.31	ug/l	99
14) Allyl chloride	2.73	41	120743	21.44	ug/l	87
15) Acrylonitrile	3.15	53	200858	108.11	ug/l	97
16) Acetone	2.45	43	157647	113.17	ug/l	91
17) Carbon Disulfide	2.57	76	177744	20.65	ug/l	100
18) Methyl Acetate	2.78	43	97503	22.20	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	222280	21.39	ug/l	100
20) Methylene Chloride	2.85	84	75646	21.72	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	70736	19.98	ug/l	95
22) Diisopropyl ether	3.87	45	224993	21.23	ug/l	98
23) Vinyl Acetate	3.82	43	907443	103.94	ug/l	96
24) 1,1-Dichloroethane	3.70	63	131892	21.21	ug/l	99
25) 2-Butanone	4.71	43	250965	107.38	ug/l	93
26) 2,2-Dichloropropane	4.59	77	87353	18.49	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	79088	20.06	ug/l	90
28) Bromochloromethane	5.03	49	59097	21.74	ug/l	88
29) Tetrahydrofuran	5.17	42	164860	106.78	ug/l	92
30) Chloroform	5.21	83	127718	21.03	ug/l	98
31) Cyclohexane	5.57	56	112049	20.17	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	107909	20.75	ug/l	97
36) 1,1-Dichloropropene	5.80	75	94860	19.61	ug/l	97
37) Ethyl Acetate	4.87	43	96510	21.08	ug/l	95
38) Carbon Tetrachloride	5.78	117	94969	20.01	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	112822	19.69	ug/l	94
40) Benzene	6.15	78	294713	20.17	ug/l	99
41) Methacrylonitrile	5.07	41	55363	20.57	ug/l	92
42) 1,2-Dichloroethane	6.21	62	97711	21.23	ug/l	96
43) Isopropyl Acetate	6.47	43	152721	20.97	ug/l	94
44) Trichloroethene	7.21	130	85247	19.57	ug/l	96
45) 1,2-Dichloropropane	7.52	63	76998	20.76	ug/l	100
46) Dibromomethane	7.67	93	49462	20.71	ug/l	96
47) Bromodichloromethane	7.90	83	89914	20.57	ug/l	94
48) Methyl methacrylate	7.78	41	75790	20.64	ug/l #	84
49) 1,4-Dioxane	7.76	88	35725	429.28	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	500216	108.71	ug/l	92
52) Toluene	8.79	92	187152	20.35	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	110181	20.48	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	97527	20.15	ug/l	90
55) 1,1,2-Trichloroethane	9.22	97	75743	20.70	ug/l	97
56) Ethyl methacrylate	9.18	69	107989	20.95	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	124209	21.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	266505	106.35	ug/l	98
59) 2-Hexanone	9.50	43	376140	110.33	ug/l	90
60) Dibromochloromethane	9.59	129	74277	20.51	ug/l	100
61) 1,2-Dibromoethane	9.68	107	78622	20.73	ug/l	99
64) Tetrachloroethene	9.34	164	99175	19.32	ug/l	99
65) Chlorobenzene	10.14	112	213889	19.70	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	74115	19.84	ug/l	98
67) Ethyl Benzene	10.26	91	349753	20.04	ug/l	98
68) m/p-Xylenes	10.36	106	274243	40.07	ug/l	97
69) o-Xylene	10.70	106	131387	19.85	ug/l	97
70) Styrene	10.71	104	221433	20.34	ug/l	97
71) Bromoform	10.86	173	56095	19.33	ug/l #	99
73) Isopropylbenzene	11.02	105	353161	20.47	ug/l	100
74) N-amyl acetate	6.47	43	152721	20.85	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	105977	20.96	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	95579m	21.33	ug/l	
77) Bromobenzene	11.26	156	98026	19.75	ug/l	97
78) n-propylbenzene	11.36	91	396533	20.68	ug/l	99
79) 2-Chlorotoluene	11.42	91	238317	20.47	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	291218	20.54	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	27244	18.82	ug/l	93
82) 4-Chlorotoluene	11.51	91	276986	20.30	ug/l	98
83) tert-Butylbenzene	11.77	119	280358	20.19	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	298684	20.70	ug/l	98
85) sec-Butylbenzene	11.95	105	340435	20.18	ug/l	100
86) p-Isopropyltoluene	12.07	119	305718	20.20	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	175986	19.29	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	178218	18.97	ug/l	99
89) n-Butylbenzene	12.39	91	250284	19.47	ug/l	99
90) Hexachloroethane	12.60	117	41393	19.24	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	177334	19.73	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20292	20.62	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121950	18.51	ug/l	99
94) Hexachlorobutadiene	13.79	225	59025	18.63	ug/l	98
95) Naphthalene	13.84	128	352400	20.35	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	124405	19.07	ug/l	99

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

