

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071818\
 Data File : VX003441.D
 Acq On : 18 Jul 2018 12:29
 Operator : JC/MD
 Sample : VX0718WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/19/2018 1:04:12 PM

Quant Time: Jul 18 14:08:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	346672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	484825	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	444660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	272491	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	200778	44.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.44%	
35) Dibromofluoromethane	5.50	113	184723	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
50) Toluene-d8	8.72	98	707835	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
62) 4-Bromofluorobenzene	11.14	95	257569	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	74966	19.16	ug/l	99
3) Chloromethane	1.32	50	72246	17.06	ug/l	99
4) Vinyl Chloride	1.40	62	81732	17.71	ug/l	100
5) Bromomethane	1.64	94	36651	20.06	ug/l	98
6) Chloroethane	1.72	64	49311	17.80	ug/l	97
7) Trichlorofluoromethane	1.93	101	113424	18.53	ug/l	98
8) Diethyl Ether	2.19	74	48199	18.40	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75086	19.42	ug/l	95
10) Methyl Iodide	2.51	142	56257	13.60	ug/l	92
11) Tert butyl alcohol	3.07	59	83136	81.43	ug/l	100
12) 1,1-Dichloroethene	2.37	96	67835	18.56	ug/l	83
13) Acrolein	2.29	56	44525	90.91	ug/l	98
14) Allyl chloride	2.73	41	117609	17.74	ug/l	88
15) Acrylonitrile	3.15	53	195183	83.44	ug/l	97
16) Acetone	2.45	43	152879	80.96	ug/l	90
17) Carbon Disulfide	2.57	76	165446	16.50	ug/l	98
18) Methyl Acetate	2.78	43	120224	19.55	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	221578	18.26	ug/l	100
20) Methylene Chloride	2.85	84	76586	21.82	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	70255	17.80	ug/l	93
22) Diisopropyl ether	3.87	45	226671	17.63	ug/l #	94
23) Vinyl Acetate	3.82	43	891363	84.06	ug/l #	92
24) 1,1-Dichloroethane	3.70	63	131418	18.02	ug/l	99
25) 2-Butanone	4.71	43	248506	84.09	ug/l #	88
26) 2,2-Dichloropropane	4.59	77	99250	19.38	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	81286	19.14	ug/l	90
28) Bromochloromethane	5.02	49	61534	19.43	ug/l #	82
29) Tetrahydrofuran	5.17	42	160040	85.39	ug/l	90
30) Chloroform	5.21	83	129167	19.22	ug/l	92
31) Cyclohexane	5.57	56	108999	19.35	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	106963	18.71	ug/l	97
36) 1,1-Dichloropropene	5.80	75	92867	18.92	ug/l	97
37) Ethyl Acetate	4.86	43	94287	17.04	ug/l #	94
38) Carbon Tetrachloride	5.78	117	94174	18.85	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	110059	19.58	ug/l	92
40) Benzene	6.14	78	288099	19.29	ug/l	98
41) Methacrylonitrile	5.06	41	55253	18.16	ug/l	93
42) 1,2-Dichloroethane	6.20	62	92735	18.10	ug/l	94
43) Isopropyl Acetate	6.46	43	147408	17.65	ug/l #	93
44) Trichloroethene	7.21	130	86263	19.93	ug/l	94
45) 1,2-Dichloropropane	7.52	63	75181	19.35	ug/l	98
46) Dibromomethane	7.67	93	48684	18.82	ug/l	94
47) Bromodichloromethane	7.90	83	88025	18.58	ug/l	95
48) Methyl methacrylate	7.78	41	76665	18.00	ug/l #	83
49) 1,4-Dioxane	7.76	88	34468	353.39	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	483733	88.01	ug/l	91
52) Toluene	8.79	92	186020	19.89	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	110748	19.80	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	98028	19.20	ug/l #	88
55) 1,1,2-Trichloroethane	9.22	97	76403	19.55	ug/l	97
56) Ethyl methacrylate	9.18	69	104665	18.92	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	121189	19.30	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	269941	97.30	ug/l	96
59) 2-Hexanone	9.50	43	369202	87.42	ug/l	88
60) Dibromochloromethane	9.59	129	74190	19.11	ug/l	99
61) 1,2-Dibromoethane	9.68	107	77777	19.31	ug/l	100
64) Tetrachloroethene	9.34	164	97803	21.02	ug/l	96
65) Chlorobenzene	10.14	112	212040	20.19	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	75660	20.26	ug/l	99
67) Ethyl Benzene	10.26	91	346582	20.19	ug/l	100
68) m/p-Xylenes	10.36	106	273833	41.23	ug/l	96
69) o-Xylene	10.70	106	131441	20.61	ug/l	95
70) Styrene	10.71	104	218080	20.77	ug/l	97
71) Bromoform	10.86	173	57035	18.99	ug/l #	98
73) Isopropylbenzene	11.02	105	357488	20.49	ug/l	99
74) N-amyl acetate	6.46	43	147408	17.57	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	105905	18.39	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	96377m	19.54	ug/l	
77) Bromobenzene	11.26	156	100308	20.24	ug/l	96
78) n-propylbenzene	11.36	91	399992	20.52	ug/l	99
79) 2-Chlorotoluene	11.42	91	239517	20.04	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	295380	20.72	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	27892	18.37	ug/l	92
82) 4-Chlorotoluene	11.51	91	280479	20.12	ug/l	98
83) tert-Butylbenzene	11.77	119	286235	20.55	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	302037	20.63	ug/l	97
85) sec-Butylbenzene	11.95	105	349928	20.71	ug/l	100
86) p-Isopropyltoluene	12.07	119	314240	20.89	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	182563	20.13	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	184421	20.02	ug/l	99
89) n-Butylbenzene	12.39	91	263889	20.59	ug/l	99
90) Hexachloroethane	12.60	117	43178	18.94	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	183176	20.11	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20249	16.90	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	130582	20.95	ug/l	100
94) Hexachlorobutadiene	13.79	225	63977	21.32	ug/l	99
95) Naphthalene	13.83	128	363171	20.33	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132682	20.69	ug/l	100

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

