

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071718\
 Data File : VX003423.D
 Acq On : 17 Jul 2018 13:12
 Operator : JC/MD
 Sample : VX0717WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/18/2018 12:58:24 PM

Quant Time: Jul 18 00:49:40 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	301062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	433905	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	414551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	265268	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	200178	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
35) Dibromofluoromethane	5.51	113	165139	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
50) Toluene-d8	8.72	98	717887	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	
62) 4-Bromofluorobenzene	11.14	95	253428	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	70167	20.65	ug/l	98
3) Chloromethane	1.32	50	73300	19.93	ug/l	97
4) Vinyl Chloride	1.40	62	83411	20.81	ug/l	98
5) Bromomethane	1.64	94	39437	26.24	ug/l	92
6) Chloroethane	1.72	64	49080	20.76	ug/l	99
7) Trichlorofluoromethane	1.93	101	111030	20.88	ug/l	100
8) Diethyl Ether	2.19	74	46468	20.43	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	67938	20.23	ug/l	98
10) Methyl Iodide	2.51	142	67988	18.92	ug/l	94
11) Tert butyl alcohol	3.08	59	89164	100.56	ug/l	98
12) 1,1-Dichloroethene	2.37	96	63801	20.10	ug/l	95
13) Acrolein	2.29	56	36965	86.91	ug/l	98
14) Allyl chloride	2.73	41	121466	21.10	ug/l	86
15) Acrylonitrile	3.15	53	206794	101.80	ug/l	99
16) Acetone	2.45	43	170640	104.06	ug/l #	87
17) Carbon Disulfide	2.57	76	162949	18.71	ug/l	98
18) Methyl Acetate	2.78	43	124855	23.38	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	219063	20.79	ug/l	100
20) Methylene Chloride	2.86	84	73579	24.51	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	67550	19.71	ug/l	95
22) Diisopropyl ether	3.88	45	232537	20.83	ug/l	97
23) Vinyl Acetate	3.83	43	947882	102.93	ug/l	96
24) 1,1-Dichloroethane	3.70	63	131945	20.83	ug/l	98
25) 2-Butanone	4.71	43	253522	98.78	ug/l	97
26) 2,2-Dichloropropane	4.59	77	78654	17.69	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	71226	19.31	ug/l	92
28) Bromochloromethane	5.02	49	58131	21.14	ug/l	89
29) Tetrahydrofuran	5.17	42	161222	99.05	ug/l	92
30) Chloroform	5.22	83	117643	20.15	ug/l	93
31) Cyclohexane	5.57	56	97287	19.89	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	99823	20.11	ug/l	98
36) 1,1-Dichloropropene	5.80	75	83877	19.09	ug/l	98
37) Ethyl Acetate	4.87	43	93532	18.89	ug/l	95
38) Carbon Tetrachloride	5.78	117	86198	19.28	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94005	18.69	ug/l	96
40) Benzene	6.15	78	267598	20.02	ug/l	99
41) Methacrylonitrile	5.07	41	52808	19.39	ug/l	92
42) 1,2-Dichloroethane	6.21	62	92952	20.27	ug/l	96
43) Isopropyl Acetate	6.48	43	148552	19.88	ug/l	94
44) Trichloroethene	7.22	130	73506	18.98	ug/l	99
45) 1,2-Dichloropropane	7.52	63	68772	19.78	ug/l	99
46) Dibromomethane	7.67	93	44986	19.43	ug/l	98
47) Bromodichloromethane	7.90	83	82685	19.50	ug/l	98
48) Methyl methacrylate	7.78	41	75721	19.86	ug/l	87
49) 1,4-Dioxane	7.76	88	32903	376.93	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	543228	110.43	ug/l	91
52) Toluene	8.79	92	188838	22.56	ug/l	95
53) t-1,3-Dichloropropene	8.44	75	105213	21.01	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	95431	20.88	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	73162	20.92	ug/l	97
56) Ethyl methacrylate	9.19	69	100595	20.32	ug/l #	84
57) 1,3-Dichloropropane	9.38	76	112871	20.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	287770	115.90	ug/l	98
59) 2-Hexanone	9.50	43	377448	99.87	ug/l	90
60) Dibromochloromethane	9.59	129	65724	18.91	ug/l	97
61) 1,2-Dibromoethane	9.68	107	70892	19.67	ug/l	99
64) Tetrachloroethene	9.34	164	85017	19.60	ug/l	97
65) Chlorobenzene	10.14	112	186796	19.07	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	67838	19.49	ug/l	97
67) Ethyl Benzene	10.26	91	308220	19.26	ug/l	99
68) m/p-Xylenes	10.36	106	238403	38.51	ug/l	96
69) o-Xylene	10.70	106	115119	19.36	ug/l	99
70) Styrene	10.71	104	188479	19.26	ug/l	98
71) Bromoform	10.86	173	51202	18.28	ug/l #	99
73) Isopropylbenzene	11.02	105	333426	19.63	ug/l	99
74) N-amyl acetate	6.48	43	148552	18.19	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	113528	20.25	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	114509m	23.84	ug/l	
77) Bromobenzene	11.26	156	99204	20.56	ug/l	99
78) n-propylbenzene	11.37	91	387718	20.43	ug/l	98
79) 2-Chlorotoluene	11.43	91	244263	21.00	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	283251	20.41	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	26535	17.95	ug/l	97
82) 4-Chlorotoluene	11.51	91	270245	19.91	ug/l	98
83) tert-Butylbenzene	11.77	119	258861	19.09	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	286842	20.12	ug/l	98
85) sec-Butylbenzene	11.95	105	322936	19.63	ug/l	97
86) p-Isopropyltoluene	12.07	119	295054	20.15	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	175278	19.85	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	170341	19.00	ug/l	99
89) n-Butylbenzene	12.39	91	251669	20.18	ug/l	99
90) Hexachloroethane	12.60	117	41756	18.82	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	178869	20.17	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	26048	22.33	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	135754	22.37	ug/l	100
94) Hexachlorobutadiene	13.79	225	64232	21.99	ug/l	95
95) Naphthalene	13.84	128	408622	23.49	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	138177	22.14	ug/l	97

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

