

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002263.D
 Acq On : 04 Jun 2018 16:34
 Operator : JC/MD
 Sample : VX0604WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/5/2018 5:56:06 PM

Quant Time: Jun 05 05:16:15 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	266166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	385457	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	217915	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	190467	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.08%		
35) Dibromofluoromethane	5.51	113	139854	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.28%		
50) Toluene-d8	8.72	98	530848	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.38%		
62) 4-Bromofluorobenzene	11.14	95	198634	44.33	ug/l	0.00
Spiked Amount 50.000			Recovery =	88.66%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	55944	20.219	ug/l	100
3) Chloromethane	1.32	50	67711	19.613	ug/l	100
4) Vinyl Chloride	1.41	62	68719	19.706	ug/l	99
5) Bromomethane	1.64	94	48368	22.687	ug/l	99
6) Chloroethane	1.73	64	44081	19.542	ug/l	94
7) Trichlorofluoromethane	1.93	101	109181	20.549	ug/l	98
8) Diethyl Ether	2.19	74	42911	21.355	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	62101	21.659	ug/l	98
10) Methyl Iodide	2.51	142	65816	16.320	ug/l	99
11) Tert butyl alcohol	3.07	59	95478	111.428	ug/l	100
12) 1,1-Dichloroethene	2.38	96	55360	19.538	ug/l	97
13) Acrolein	2.30	56	44584	112.610	ug/l	98
14) Allyl chloride	2.73	41	116543	18.953	ug/l	100
15) Acrylonitrile	3.15	53	189267	111.471	ug/l	100
16) Acetone	2.45	43	195644	108.681	ug/l	98
17) Carbon Disulfide	2.57	76	133715	17.905	ug/l	99
18) Methyl Acetate	2.78	43	90314	22.184	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	227985	21.755	ug/l	99
20) Methylene Chloride	2.86	84	67827	20.931	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	59815	19.143	ug/l	96
22) Diisopropyl ether	3.88	45	215033	20.041	ug/l	98
23) Vinyl Acetate	3.83	43	955028	95.805	ug/l	100
24) 1,1-Dichloroethane	3.70	63	118406	19.482	ug/l	100
25) 2-Butanone	4.71	43	264818	101.473	ug/l	100
26) 2,2-Dichloropropane	4.59	77	85765	18.053	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	63523	18.693	ug/l	95
28) Bromochloromethane	5.03	49	60811	21.497	ug/l	100
29) Tetrahydrofuran	5.17	42	170686	101.441	ug/l	100
30) Chloroform	5.22	83	111988	19.096	ug/l	95
31) Cyclohexane	5.57	56	98288	20.452	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	95573	19.216	ug/l	99
36) 1,1-Dichloropropene	5.81	75	78263	19.313	ug/l	99
37) Ethyl Acetate	4.87	43	102018	20.934	ug/l	99
38) Carbon Tetrachloride	5.79	117	82016	19.347	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97069	19.550	ug/l	99
40) Benzene	6.15	78	244284	19.661	ug/l	100
41) Methacrylonitrile	5.07	41	57547	20.628	ug/l	99
42) 1,2-Dichloroethane	6.20	62	99923	20.242	ug/l	100
43) Isopropyl Acetate	6.47	43	166238	20.084	ug/l	100
44) Trichloroethene	7.22	130	68959	19.998	ug/l	98
45) 1,2-Dichloropropane	7.52	63	66623	19.862	ug/l	98
46) Dibromomethane	7.67	93	45093	19.831	ug/l	99
47) Bromodichloromethane	7.90	83	78246	19.026	ug/l	99
48) Methyl methacrylate	7.78	41	85919	20.665	ug/l	99
49) 1,4-Dioxane	7.76	88	33557	431.653	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	547693	106.252	ug/l	99
52) Toluene	8.79	92	155593	19.689	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	96164	19.499	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	89939	19.330	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	66034	20.317	ug/l	98
56) Ethyl methacrylate	9.18	69	102783	19.808	ug/l	99
57) 1,3-Dichloropropane	9.38	76	110712	20.304	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	247872	103.208	ug/l	100
59) 2-Hexanone	9.50	43	414494	104.105	ug/l	100
60) Dibromochloromethane	9.59	129	63858	19.533	ug/l	98
61) 1,2-Dibromoethane	9.68	107	68752	20.287	ug/l	99
64) Tetrachloroethene	9.34	164	76332	20.325	ug/l	99
65) Chlorobenzene	10.14	112	178388	19.687	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	64044	19.520	ug/l	99
67) Ethyl Benzene	10.26	91	302904	19.975	ug/l	99
68) m/p-Xylenes	10.36	106	231437	39.263	ug/l	100
69) o-Xylene	10.70	106	115891	19.756	ug/l	99
70) Styrene	10.71	104	187697	19.573	ug/l	99
71) Bromoform	10.86	173	46828	18.292	ug/l #	100
73) Isopropylbenzene	11.02	105	307246	20.268	ug/l	100
74) N-amyl acetate	6.47	43	166238	20.352	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	95742	20.081	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	97229m	20.334	ug/l	
77) Bromobenzene	11.26	156	84625	19.885	ug/l	100
78) n-propylbenzene	11.37	91	345933	20.531	ug/l	100
79) 2-Chlorotoluene	11.43	91	208023	19.553	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	260958	20.070	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	25365	18.595	ug/l	90
82) 4-Chlorotoluene	11.51	91	242752	19.768	ug/l	99
83) tert-Butylbenzene	11.77	119	253534	20.024	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	266229	19.891	ug/l	99
85) sec-Butylbenzene	11.95	105	310713	20.933	ug/l	99
86) p-Isopropyltoluene	12.07	119	277046	20.491	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	148412	19.504	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	151041	19.257	ug/l	99
89) n-Butylbenzene	12.39	91	228923	20.188	ug/l	99
90) Hexachloroethane	12.60	117	39645	18.369	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	155188	19.711	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20559	19.719	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	106225	19.242	ug/l	100
94) Hexachlorobutadiene	13.79	225	56101	20.565	ug/l	100
95) Naphthalene	13.84	128	326262	20.569	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112200	19.929	ug/l	100

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

