

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010919\
 Data File : VX006960.D
 Acq On : 09 Jan 2019 12:18
 Operator : JC/MD
 Sample : VX0109WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0109WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/10/2019 10:54:15 AM

Quant Time: Jan 10 01:19:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	599550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	896691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	792734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	399066	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	295533	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
35) Dibromofluoromethane	5.50	113	264972	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	
50) Toluene-d8	8.71	98	992356	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
62) 4-Bromofluorobenzene	11.13	95	346518	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	104203	21.164	ug/l	100
3) Chloromethane	1.33	50	109476	19.100	ug/l	99
4) Vinyl Chloride	1.41	62	121878	19.768	ug/l	99
5) Bromomethane	1.64	94	122470	18.592	ug/l	97
6) Chloroethane	1.72	64	78339	18.197	ug/l	97
7) Trichlorofluoromethane	1.93	101	191707	19.244	ug/l	97
8) Diethyl Ether	2.19	74	74684	18.844	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	115275	19.328	ug/l	97
10) Methyl Iodide	2.51	142	165346	20.552	ug/l	99
11) Tert butyl alcohol	3.07	59	150298	101.686	ug/l	99
12) 1,1-Dichloroethene	2.37	96	106112	19.257	ug/l	95
13) Acrolein	2.29	56	56302	90.316	ug/l	100
14) Allyl chloride	2.73	41	180296	19.092	ug/l	98
15) Acrylonitrile	3.15	53	331701	97.758	ug/l	100
16) Acetone	2.45	43	298398	96.332	ug/l	97
17) Carbon Disulfide	2.57	76	259593	18.298	ug/l	100
18) Methyl Acetate	2.78	43	169279	18.871	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	367103	19.194	ug/l	99
20) Methylene Chloride	2.86	84	117333	19.571	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	112664	18.347	ug/l	99
22) Diisopropyl ether	3.87	45	340396	19.173	ug/l	94
23) Vinyl Acetate	3.82	43	1439144	96.121	ug/l	100
24) 1,1-Dichloroethane	3.70	63	188468	18.985	ug/l	99
25) 2-Butanone	4.70	43	441678	99.651	ug/l	97
26) 2,2-Dichloropropane	4.59	77	144324	18.906	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	127395	18.808	ug/l	99
28) Bromochloromethane	5.02	49	82601	18.991	ug/l	97
29) Tetrahydrofuran	5.15	42	284138	98.645	ug/l	97
30) Chloroform	5.21	83	195808	18.839	ug/l	97
31) Cyclohexane	5.57	56	164559	18.624	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	167255	18.985	ug/l	99
36) 1,1-Dichloropropene	5.80	75	145164	18.620	ug/l	99
37) Ethyl Acetate	4.85	43	163553	19.568	ug/l	98
38) Carbon Tetrachloride	5.78	117	142901	18.219	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181640	18.276	ug/l	97
40) Benzene	6.14	78	448789	18.866	ug/l	99
41) Methacrylonitrile	5.06	41	87676	18.209	ug/l	99
42) 1,2-Dichloroethane	6.20	62	152878	18.598	ug/l	99
43) Isopropyl Acetate	6.46	43	253526	19.230	ug/l	100
44) Trichloroethene	7.21	130	131184	18.403	ug/l	92
45) 1,2-Dichloropropane	7.51	63	111295	18.610	ug/l	98
46) Dibromomethane	7.66	93	80477	19.147	ug/l	98
47) Bromodichloromethane	7.90	83	131742	18.415	ug/l	98
48) Methyl methacrylate	7.77	41	127426	18.821	ug/l	97
49) 1,4-Dioxane	7.75	88	61235	390.827	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	820380	96.828	ug/l	99
52) Toluene	8.78	92	282159	18.455	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	147792	18.630	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	164091	18.730	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	119585	19.541	ug/l	97
56) Ethyl methacrylate	9.18	69	169424	18.964	ug/l	95
57) 1,3-Dichloropropane	9.37	76	190404	18.991	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	445490	96.983	ug/l	99
59) 2-Hexanone	9.49	43	626338	97.008	ug/l	100
60) Dibromochloromethane	9.58	129	112646	18.956	ug/l	98
61) 1,2-Dibromoethane	9.67	107	128100	19.014	ug/l	100
64) Tetrachloroethene	9.34	164	130314	18.987	ug/l	96
65) Chlorobenzene	10.14	112	327177	18.923	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	115569	19.870	ug/l	99
67) Ethyl Benzene	10.25	91	534158	18.714	ug/l	99
68) m/p-Xylenes	10.36	106	418208	37.188	ug/l	97
69) o-Xylene	10.69	106	205861	18.770	ug/l	97
70) Styrene	10.71	104	326469	18.795	ug/l	98
71) Bromoform	10.86	173	82100	19.013	ug/l #	100
73) Isopropylbenzene	11.02	105	546424	19.418	ug/l	99
74) N-amyl acetate	10.90	43	215875	19.054	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	172390	19.297	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	161763m	20.003	ug/l	
77) Bromobenzene	11.26	156	150520	19.413	ug/l	98
78) n-propylbenzene	11.36	91	599284	19.400	ug/l	100
79) 2-Chlorotoluene	11.42	91	354801	19.080	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	449360	19.111	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42700	18.512	ug/l	95
82) 4-Chlorotoluene	11.51	91	411161	19.097	ug/l	100
83) tert-Butylbenzene	11.77	119	450420	19.200	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	460850	19.491	ug/l	100
85) sec-Butylbenzene	11.94	105	535784	19.124	ug/l	99
86) p-Isopropyltoluene	12.07	119	478387	19.089	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	262222	18.711	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	259122	19.603	ug/l	99
89) n-Butylbenzene	12.39	91	398353	18.647	ug/l	100
90) Hexachloroethane	12.60	117	67545	18.809	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	258464	18.688	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34957	19.785	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	172397	18.169	ug/l	99
94) Hexachlorobutadiene	13.78	225	77954	18.513	ug/l	97
95) Naphthalene	13.83	128	546043	18.991	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	171882	18.235	ug/l	99

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

