

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011819\
 Data File : VX007127.D
 Acq On : 18 Jan 2019 11:49
 Operator : JC/SP
 Sample : VX0118WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/21/2019 9:38:54 AM

Quant Time: Jan 18 22:08:15 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	478714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	706837	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	647317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	328755	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	248712	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
35) Dibromofluoromethane	5.50	113	225820	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
50) Toluene-d8	8.71	98	829235	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.13	95	296388	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	77992	19.839	ug/l	97
3) Chloromethane	1.33	50	90438	19.762	ug/l	100
4) Vinyl Chloride	1.41	62	96540	19.611	ug/l	100
5) Bromomethane	1.64	94	97459	18.530	ug/l	99
6) Chloroethane	1.72	64	64841	18.864	ug/l	98
7) Trichlorofluoromethane	1.93	101	155389	19.535	ug/l	98
8) Diethyl Ether	2.19	74	63947	20.208	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	93865	19.711	ug/l	98
10) Methyl Iodide	2.51	142	130657	20.340	ug/l	99
11) Tert butyl alcohol	3.07	59	125544	106.378	ug/l	99
12) 1,1-Dichloroethene	2.38	96	84894	19.295	ug/l	98
13) Acrolein	2.29	56	56010	111.769	ug/l	100
14) Allyl chloride	2.73	41	147859	19.609	ug/l	98
15) Acrylonitrile	3.15	53	286399	105.712	ug/l	99
16) Acetone	2.45	43	267087	107.988	ug/l	100
17) Carbon Disulfide	2.57	76	182863	16.143	ug/l	100
18) Methyl Acetate	2.78	43	155700	21.738	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	312660	20.474	ug/l	98
20) Methylene Chloride	2.86	84	102277	21.418	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	93887	19.149	ug/l	99
22) Diisopropyl ether	3.87	45	286208	20.190	ug/l	96
23) Vinyl Acetate	3.82	43	1157705	96.841	ug/l	98
24) 1,1-Dichloroethane	3.70	63	157895	19.920	ug/l	100
25) 2-Butanone	4.70	43	371887	105.084	ug/l	100
26) 2,2-Dichloropropane	4.59	77	113315	18.591	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	102792	19.007	ug/l	96
28) Bromochloromethane	5.02	49	65855	18.963	ug/l	97
29) Tetrahydrofuran	5.15	42	236231	102.715	ug/l	97
30) Chloroform	5.21	83	167150	20.141	ug/l	98
31) Cyclohexane	5.58	56	132328	18.757	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	137145	19.496	ug/l	98
36) 1,1-Dichloropropene	5.79	75	120347	19.583	ug/l	99
37) Ethyl Acetate	4.85	43	136147	20.665	ug/l	99
38) Carbon Tetrachloride	5.78	117	117322	18.975	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	145796	18.610	ug/l	97
40) Benzene	6.15	78	372602	19.871	ug/l	97
41) Methacrylonitrile	5.06	41	73749	19.431	ug/l	98
42) 1,2-Dichloroethane	6.20	62	129006	19.909	ug/l	100
43) Isopropyl Acetate	6.46	43	208841	20.096	ug/l	98
44) Trichloroethene	7.21	130	109214	19.436	ug/l	99
45) 1,2-Dichloropropane	7.52	63	93175	19.765	ug/l	99
46) Dibromomethane	7.66	93	66803	20.163	ug/l	99
47) Bromodichloromethane	7.90	83	109031	19.334	ug/l	97
48) Methyl methacrylate	7.77	41	108499	20.330	ug/l	98
49) 1,4-Dioxane	7.75	88	52035	421.987	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	711702	106.563	ug/l	99
52) Toluene	8.79	92	240769	19.977	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	116049	18.558	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	132213	19.145	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	101753	21.093	ug/l	94
56) Ethyl methacrylate	9.18	69	144512	20.520	ug/l	95
57) 1,3-Dichloropropane	9.37	76	162452	20.555	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	377170	104.164	ug/l	98
59) 2-Hexanone	9.49	43	551175	108.295	ug/l	99
60) Dibromochloromethane	9.58	129	93763	20.017	ug/l	99
61) 1,2-Dibromoethane	9.67	107	108569	20.443	ug/l	99
64) Tetrachloroethene	9.34	164	111283	19.857	ug/l	97
65) Chlorobenzene	10.14	112	279226	19.778	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	95587	20.126	ug/l	99
67) Ethyl Benzene	10.25	91	449750	19.296	ug/l	99
68) m/p-Xylenes	10.36	106	355385	38.701	ug/l	99
69) o-Xylene	10.70	106	177717	19.844	ug/l	99
70) Styrene	10.71	104	284421	20.053	ug/l	100
71) Bromoform	10.86	173	66941	18.992	ug/l #	100
73) Isopropylbenzene	11.02	105	472348	20.376	ug/l	98
74) N-amyl acetate	10.90	43	187018	20.037	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	152816	20.765	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	140714m	21.122	ug/l	
77) Bromobenzene	11.26	156	127366	19.940	ug/l	98
78) n-propylbenzene	11.36	91	515364	20.251	ug/l	99
79) 2-Chlorotoluene	11.42	91	308971	20.169	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	380758	19.657	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	33477	17.800	ug/l	90
82) 4-Chlorotoluene	11.51	91	352958	19.900	ug/l	100
83) tert-Butylbenzene	11.77	119	381180	19.724	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	392287	20.140	ug/l	99
85) sec-Butylbenzene	11.94	105	468427	20.295	ug/l	99
86) p-Isopropyltoluene	12.06	119	416188	20.159	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	225001	19.489	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	225767	20.724	ug/l	99
89) n-Butylbenzene	12.38	91	343330	19.508	ug/l	99
90) Hexachloroethane	12.60	117	58207	19.542	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	230004	20.187	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29004	19.927	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	151246	19.349	ug/l	99
94) Hexachlorobutadiene	13.78	225	71977	20.750	ug/l	99
95) Naphthalene	13.83	128	468735	19.789	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	152687	19.663	ug/l	98

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

