

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021919\
 Data File : VX007604.D
 Acq On : 19 Feb 2019 11:10
 Operator : JC/SP
 Sample : VX0219WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/20/2019 10:33:01 AM

Quant Time: Feb 20 04:14:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	411949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	620091	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	570223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	287610	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	214796	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
35) Dibromofluoromethane	5.51	113	198878	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	8.71	98	713235	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
62) 4-Bromofluorobenzene	11.13	95	252795	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	82353	16.388	ug/l	97
3) Chloromethane	1.33	50	77410	16.683	ug/l	98
4) Vinyl Chloride	1.41	62	84188	18.495	ug/l	97
5) Bromomethane	1.64	94	74781	16.284	ug/l	94
6) Chloroethane	1.72	64	51609	17.526	ug/l	99
7) Trichlorofluoromethane	1.93	101	131268	18.434	ug/l	100
8) Diethyl Ether	2.19	74	47650	17.779	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	73130	17.265	ug/l	97
10) Methyl Iodide	2.51	142	96274	15.451	ug/l	98
11) Tert butyl alcohol	3.07	59	92110	101.791	ug/l #	95
12) 1,1-Dichloroethene	2.38	96	68355	17.379	ug/l	96
13) Acrolein	2.30	56	43320	102.091	ug/l	98
14) Allyl chloride	2.73	41	114724	17.901	ug/l	98
15) Acrylonitrile	3.15	53	214913	96.007	ug/l	99
16) Acetone	2.45	43	198116	98.913	ug/l	97
17) Carbon Disulfide	2.57	76	147342	15.839	ug/l	100
18) Methyl Acetate	2.78	43	117655	22.871	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	235782	18.503	ug/l	97
20) Methylene Chloride	2.86	84	77727	18.753	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	69554	16.600	ug/l	94
22) Diisopropyl ether	3.87	45	231628	19.649	ug/l	96
23) Vinyl Acetate	3.82	43	947449	96.852	ug/l	99
24) 1,1-Dichloroethane	3.70	63	129822	19.176	ug/l	99
25) 2-Butanone	4.70	43	298716	104.798	ug/l	99
26) 2,2-Dichloropropane	4.58	77	96219	18.663	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	83153	18.170	ug/l	98
28) Bromochloromethane	5.02	49	59999	19.272	ug/l	96
29) Tetrahydrofuran	5.15	42	187132	104.385	ug/l	99
30) Chloroform	5.21	83	139526	19.751	ug/l	95
31) Cyclohexane	5.58	56	102222	16.812	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	115108	19.304	ug/l	99
36) 1,1-Dichloropropene	5.80	75	94249	16.940	ug/l	99
37) Ethyl Acetate	4.85	43	107771	19.162	ug/l	98
38) Carbon Tetrachloride	5.78	117	100939	18.701	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107649	15.992	ug/l	98
40) Benzene	6.15	78	300681	18.347	ug/l	99
41) Methacrylonitrile	5.06	41	59580	19.766	ug/l	98
42) 1,2-Dichloroethane	6.20	62	105968	18.688	ug/l	99
43) Isopropyl Acetate	6.46	43	168786	19.443	ug/l	99
44) Trichloroethene	7.21	130	87156	17.657	ug/l	87
45) 1,2-Dichloropropane	7.51	63	76763	18.694	ug/l	99
46) Dibromomethane	7.66	93	54711	18.332	ug/l	97
47) Bromodichloromethane	7.90	83	97181	19.213	ug/l	98
48) Methyl methacrylate	7.77	41	85316	19.648	ug/l	99
49) 1,4-Dioxane	7.75	88	40749	416.687	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	578569	101.241	ug/l	99
52) Toluene	8.78	92	194009	18.348	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	99920	18.391	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	112040	18.752	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	85842	19.476	ug/l	98
56) Ethyl methacrylate	9.18	69	112373	18.408	ug/l	99
57) 1,3-Dichloropropane	9.37	76	131980	18.829	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	324959	100.992	ug/l	99
59) 2-Hexanone	9.49	43	441958	99.382	ug/l	100
60) Dibromochloromethane	9.58	129	82563	19.806	ug/l	98
61) 1,2-Dibromoethane	9.67	107	87819	18.814	ug/l	99
64) Tetrachloroethene	9.34	164	87673	16.313	ug/l	96
65) Chlorobenzene	10.14	112	224732	18.060	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	80871	19.385	ug/l	98
67) Ethyl Benzene	10.25	91	359099	17.920	ug/l	99
68) m/p-Xylenes	10.36	106	285546	35.848	ug/l	99
69) o-Xylene	10.69	106	138727	18.099	ug/l	99
70) Styrene	10.71	104	223061	17.944	ug/l	99
71) Bromoform	10.86	173	60630	19.264	ug/l	99
73) Isopropylbenzene	11.02	105	372373	19.052	ug/l	99
74) N-amyl acetate	10.90	43	145612	19.262	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	123217	20.686	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	101542m	18.151	ug/l	
77) Bromobenzene	11.26	156	102593	18.630	ug/l	98
78) n-propylbenzene	11.36	91	409265	19.096	ug/l	100
79) 2-Chlorotoluene	11.42	91	246851	18.982	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	304784	19.061	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	31020	19.918	ug/l	94
82) 4-Chlorotoluene	11.51	91	280794	18.660	ug/l	100
83) tert-Butylbenzene	11.77	119	300934	19.009	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	307401	18.936	ug/l	99
85) sec-Butylbenzene	11.94	105	366874	19.148	ug/l	100
86) p-Isopropyltoluene	12.06	119	324021	18.734	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	178809	18.093	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	178310	17.784	ug/l	98
89) n-Butylbenzene	12.38	91	268462	18.043	ug/l	99
90) Hexachloroethane	12.60	117	51096	19.739	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	180945	18.397	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23785	19.204	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	117108	17.656	ug/l	100
94) Hexachlorobutadiene	13.78	225	57066	17.718	ug/l	97
95) Naphthalene	13.83	128	356617	18.386	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	120516	18.051	ug/l	100

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

