

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021219\
 Data File : VX007485.D
 Acq On : 12 Feb 2019 13:43
 Operator : JC/SP
 Sample : VX0212WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/13/2019 12:00:40 PM

Quant Time: Feb 13 00:24:37 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	5.66	168	461662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	661494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	617608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	327240	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	227288	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
35) Dibromofluoromethane	5.50	113	205266	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
50) Toluene-d8	8.71	98	765071	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
62) 4-Bromofluorobenzene	11.13	95	274775	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	104044	18.452	ug/l	98
3) Chloromethane	1.33	50	91275	17.553	ug/l	97
4) Vinyl Chloride	1.41	62	97621	19.136	ug/l	96
5) Bromomethane	1.64	94	70880	13.696	ug/l	100
6) Chloroethane	1.73	64	62552	18.955	ug/l	96
7) Trichlorofluoromethane	1.93	101	152461	19.105	ug/l	98
8) Diethyl Ether	2.19	74	55223	18.385	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	89999	18.960	ug/l	97
10) Methyl Iodide	2.51	142	85020	12.175	ug/l	97
11) Tert butyl alcohol	3.06	59	104507	103.055	ug/l	99
12) 1,1-Dichloroethene	2.38	96	81485	18.486	ug/l	99
13) Acrolein	2.29	56	42283	88.917	ug/l	98
14) Allyl chloride	2.73	41	138145	19.234	ug/l	98
15) Acrylonitrile	3.15	53	242540	96.681	ug/l	100
16) Acetone	2.45	43	240335	107.071	ug/l	97
17) Carbon Disulfide	2.57	76	199204	18.670	ug/l	99
18) Methyl Acetate	2.78	43	129880	22.537	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	267067	18.702	ug/l	100
20) Methylene Chloride	2.86	84	89809	19.347	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	85116	18.127	ug/l	98
22) Diisopropyl ether	3.87	45	257183	19.467	ug/l	98
23) Vinyl Acetate	3.82	43	1063927	97.048	ug/l	99
24) 1,1-Dichloroethane	3.70	63	147316	19.417	ug/l	98
25) 2-Butanone	4.70	43	330971	103.610	ug/l	99
26) 2,2-Dichloropropane	4.59	77	111158	19.239	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	94890	18.502	ug/l	99
28) Bromochloromethane	5.02	49	70050	20.078	ug/l	99
29) Tetrahydrofuran	5.15	42	206429	102.749	ug/l	99
30) Chloroform	5.21	83	155350	19.623	ug/l	97
31) Cyclohexane	5.58	56	126047	18.498	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	131861	19.732	ug/l	99
36) 1,1-Dichloropropene	5.80	75	111584	18.800	ug/l	99
37) Ethyl Acetate	4.85	43	114440	19.074	ug/l	97
38) Carbon Tetrachloride	5.79	117	116652	20.259	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	138110	19.233	ug/l	97
40) Benzene	6.14	78	336271	19.234	ug/l	99
41) Methacrylonitrile	5.06	41	65456	20.356	ug/l	99
42) 1,2-Dichloroethane	6.20	62	116351	19.234	ug/l	99
43) Isopropyl Acetate	6.46	43	183319	19.795	ug/l	99
44) Trichloroethene	7.21	130	100918	19.166	ug/l	100
45) 1,2-Dichloropropane	7.52	63	85158	19.440	ug/l	93
46) Dibromomethane	7.66	93	60697	19.065	ug/l	98
47) Bromodichloromethane	7.90	83	109593	20.311	ug/l	99
48) Methyl methacrylate	7.77	41	93119	20.103	ug/l	98
49) 1,4-Dioxane	7.75	88	44770	428.945	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	632208	103.703	ug/l	99
52) Toluene	8.78	92	219388	19.449	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	114804	19.808	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	127028	19.930	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	91764	19.516	ug/l	98
56) Ethyl methacrylate	9.18	69	131947	20.261	ug/l	95
57) 1,3-Dichloropropane	9.37	76	145274	19.428	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	338701	98.674	ug/l	99
59) 2-Hexanone	9.49	43	495112	104.366	ug/l	100
60) Dibromochloromethane	9.58	129	94151	21.172	ug/l	97
61) 1,2-Dibromoethane	9.67	107	98733	19.828	ug/l	100
64) Tetrachloroethene	9.33	164	104074	17.879	ug/l	98
65) Chlorobenzene	10.13	112	256749	19.050	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	91707	20.296	ug/l	98
67) Ethyl Benzene	10.25	91	417340	19.229	ug/l	99
68) m/p-Xylenes	10.36	106	332070	38.490	ug/l	100
69) o-Xylene	10.69	106	160390	19.320	ug/l	98
70) Styrene	10.71	104	262681	19.510	ug/l	99
71) Bromoform	10.86	173	69051	20.049	ug/l	100
73) Isopropylbenzene	11.02	105	441182	19.839	ug/l	99
74) N-amyl acetate	10.90	43	168161	19.551	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	139497	20.583	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	131194m	20.611	ug/l	
77) Bromobenzene	11.26	156	118740	18.951	ug/l	99
78) n-propylbenzene	11.36	91	492640	20.203	ug/l	99
79) 2-Chlorotoluene	11.42	91	289862	19.590	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	359215	19.745	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	36556	20.479	ug/l	97
82) 4-Chlorotoluene	11.51	91	328460	19.185	ug/l	98
83) tert-Butylbenzene	11.77	119	355430	19.733	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	370729	20.072	ug/l	99
85) sec-Butylbenzene	11.94	105	437719	20.078	ug/l	100
86) p-Isopropyltoluene	12.06	119	388749	19.754	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	216819	19.282	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	213343	18.701	ug/l	98
89) n-Butylbenzene	12.39	91	332058	19.615	ug/l	99
90) Hexachloroethane	12.60	117	61098	20.744	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	214603	19.177	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28883	20.496	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	143107	18.963	ug/l	98
94) Hexachlorobutadiene	13.78	225	69341	18.922	ug/l	99
95) Naphthalene	13.83	128	431836	19.567	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	143716	18.919	ug/l	98

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

