

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082419\
 Data File : VX011817.D
 Acq On : 24 Aug 2019 14:42
 Operator : JC/SP
 Sample : VX0824WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBSD01

Quant Time: Aug 26 04:22:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	355133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	510055	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	459700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	250578	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	185390	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
35) Dibromofluoromethane	5.49	113	163684	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.71	98	579758	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.13	95	214960	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	62378	18.820	ug/l	99
3) Chloromethane	1.32	50	57963	19.942	ug/l	95
4) Vinyl Chloride	1.40	62	57412	19.759	ug/l	98
5) Bromomethane	1.64	94	39185	24.480	ug/l	98
6) Chloroethane	1.72	64	35453	20.869	ug/l	100
7) Trichlorofluoromethane	1.93	101	80361	17.371	ug/l	98
8) Diethyl Ether	2.18	74	33109	21.048	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	49354	17.241	ug/l	97
10) Methyl Iodide	2.50	142	63673	18.210	ug/l	97
11) Tert butyl alcohol	3.03	59	71258	101.081	ug/l	99
12) 1,1-Dichloroethene	2.37	96	52906	18.954	ug/l	92
13) Acrolein	2.29	56	28338	103.990	ug/l	97
14) Allyl chloride	2.72	41	78241	17.934	ug/l	98
15) Acrylonitrile	3.14	53	165901	102.888	ug/l	98
16) Acetone	2.43	43	144060	92.829	ug/l	98
17) Carbon Disulfide	2.56	76	120215	17.034	ug/l	99
18) Methyl Acetate	2.76	43	93416	22.184	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	180441	20.153	ug/l	100
20) Methylene Chloride	2.85	84	60121	18.949	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	57584	19.126	ug/l	98
22) Diisopropyl ether	3.85	45	173196	20.472	ug/l	99
23) Vinyl Acetate	3.81	43	677793	96.765	ug/l	98
24) 1,1-Dichloroethane	3.69	63	98049	19.630	ug/l	99
25) 2-Butanone	4.67	43	224244	100.669	ug/l	96
26) 2,2-Dichloropropane	4.57	77	38156	8.995	ug/l	92
27) cis-1,2-Dichloroethene	4.59	96	66166	19.164	ug/l	91
28) Bromochloromethane	5.01	49	48690	21.474	ug/l	95
29) Tetrahydrofuran	5.12	42	146757	102.778	ug/l	98
30) Chloroform	5.20	83	105437	19.456	ug/l	100
31) Cyclohexane	5.57	56	78921	17.991	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	89867	19.077	ug/l	100
36) 1,1-Dichloropropene	5.79	75	69683	17.422	ug/l	97
37) Ethyl Acetate	4.82	43	81780	19.321	ug/l	99
38) Carbon Tetrachloride	5.77	117	76081	16.784	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79328	16.005	ug/l	97
40) Benzene	6.14	78	226833	18.333	ug/l	98
41) Methacrylonitrile	5.04	41	46422	18.858	ug/l	99
42) 1,2-Dichloroethane	6.19	62	83234	18.402	ug/l	95
43) Isopropyl Acetate	6.44	43	126514	18.467	ug/l	97
44) Trichloroethene	7.21	130	68748	18.025	ug/l	97
45) 1,2-Dichloropropane	7.51	63	56947	18.311	ug/l	99
46) Dibromomethane	7.66	93	41182	17.961	ug/l	95
47) Bromodichloromethane	7.89	83	74328	18.008	ug/l	98
48) Methyl methacrylate	7.76	41	64983	19.060	ug/l	98
49) 1,4-Dioxane	7.74	88	34006	359.989	ug/l	94
51) 4-Methyl-2-Pentanone	8.63	43	437468	96.911	ug/l	99
52) Toluene	8.78	92	144631	18.063	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	68510	15.811	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	79574	16.834	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	64166	19.235	ug/l	98
56) Ethyl methacrylate	9.18	69	91193	19.222	ug/l	99
57) 1,3-Dichloropropane	9.37	76	97485	18.098	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	248136	99.430	ug/l	100
59) 2-Hexanone	9.49	43	335765	96.909	ug/l	100
60) Dibromochloromethane	9.58	129	65300	18.105	ug/l	98
61) 1,2-Dibromoethane	9.67	107	68722	19.200	ug/l	99
64) Tetrachloroethene	9.34	164	71108	19.389	ug/l	98
65) Chlorobenzene	10.13	112	164164	18.291	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	61571	18.310	ug/l	98
67) Ethyl Benzene	10.25	91	269239	17.951	ug/l	97
68) m/p-Xylenes	10.35	106	211598	36.589	ug/l	99
69) o-Xylene	10.69	106	104775	18.453	ug/l	97
70) Styrene	10.71	104	173746	18.292	ug/l	99
71) Bromoform	10.85	173	52062	17.947	ug/l #	99
73) Isopropylbenzene	11.02	105	269833	17.869	ug/l	100
74) N-amyl acetate	10.90	43	108111	18.492	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	92625	18.531	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	80284m	18.259	ug/l	
77) Bromobenzene	11.25	156	84036	18.877	ug/l	96
78) n-propylbenzene	11.35	91	290991	18.021	ug/l	100
79) 2-Chlorotoluene	11.42	91	180861	18.004	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	231197	18.350	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	18710	12.833	ug/l	89
82) 4-Chlorotoluene	11.51	91	206968	17.874	ug/l	97
83) tert-Butylbenzene	11.77	119	229833	18.489	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	232348	18.262	ug/l	100
85) sec-Butylbenzene	11.94	105	261251	18.373	ug/l	98
86) p-Isopropyltoluene	12.06	119	244239	17.852	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	141337	18.436	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	143861	18.548	ug/l	98
89) n-Butylbenzene	12.38	91	187561	16.561	ug/l	99
90) Hexachloroethane	12.59	117	37092	17.451	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	144477	18.685	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20932	18.016	ug/l	99

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93) 1,2,4-Trichlorobenzene	13.64	180	107553	18.910	ug/l	99
94) Hexachlorobutadiene	13.78	225	52305	16.783	ug/l	98
95) Naphthalene	13.83	128	324080	20.688	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	111890	19.592	ug/l	99

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

