

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX041219\
 Data File : VX008895.D
 Acq On : 12 Apr 2019 18:37
 Operator : JC/SP
 Sample : K2366-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ118I-20190409MS

Manual Integrations
 APPROVED

MMDadoda
 4/13/2019 2:11:41 PM

Quant Time: Apr 13 05:56:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	156715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	260092	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	226411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	104483	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	108353	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
35) Dibromofluoromethane	5.51	113	80797	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	8.71	98	314524	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
62) 4-Bromofluorobenzene	11.13	95	111176	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	106350	58.955	ug/l	97
3) Chloromethane	1.32	50	123414	56.027	ug/l	100
4) Vinyl Chloride	1.41	62	119864	49.153	ug/l	98
5) Bromomethane	1.64	94	63532	52.778	ug/l	99
6) Chloroethane	1.71	64	70719	53.301	ug/l	98
7) Trichlorofluoromethane	1.92	101	137768	51.108	ug/l	99
8) Diethyl Ether	2.19	74	62184	48.645	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	87909	50.652	ug/l	98
10) Methyl Iodide	2.51	142	93754	58.568	ug/l	100
11) Tert butyl alcohol	3.06	59	162264	303.224	ug/l	99
12) 1,1-Dichloroethene	2.37	96	90627	50.022	ug/l	98
13) Acrolein	2.29	56	77570	292.336	ug/l	99
14) Allyl chloride	2.73	41	210933	50.857	ug/l	98
15) Acrylonitrile	3.15	53	371890	262.328	ug/l	100
16) Acetone	2.45	43	329377	250.183	ug/l	98
17) Carbon Disulfide	2.56	76	263904	50.448	ug/l	100
18) Methyl Acetate	2.78	43	147404	46.165	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	336733	52.044	ug/l	98
20) Methylene Chloride	2.85	84	105363	47.811	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	96794	49.392	ug/l	95
22) Diisopropyl ether	3.86	45	407621	50.991	ug/l	97
23) Vinyl Acetate	3.82	43	1644212	236.430	ug/l	99
24) 1,1-Dichloroethane	3.70	63	200864	50.749	ug/l	99
25) 2-Butanone	4.68	43	558496	268.400	ug/l	99
26) 2,2-Dichloropropane	4.58	77	122278	43.864	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	111451	49.465	ug/l	98
28) Bromochloromethane	5.02	49	86292	52.334	ug/l	100
29) Tetrahydrofuran	5.13	42	374964	271.497	ug/l	99
30) Chloroform	5.21	83	179858	50.878	ug/l	99
31) Cyclohexane	5.58	56	198003	50.136	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	147196	51.526	ug/l	99
36) 1,1-Dichloropropene	5.80	75	139977	49.234	ug/l	99
37) Ethyl Acetate	4.84	43	187529	49.416	ug/l	99
38) Carbon Tetrachloride	5.79	117	122521	52.068	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	172565	49.134	ug/l	97
40) Benzene	6.14	78	432786	51.097	ug/l	100
41) Methacrylonitrile	5.04	41	115727	53.053	ug/l	99
42) 1,2-Dichloroethane	6.19	62	153465	50.541	ug/l	100
43) Isopropyl Acetate	6.45	43	299357	50.357	ug/l	99
44) Trichloroethene	7.21	130	100622	51.008	ug/l	98
45) 1,2-Dichloropropane	7.51	63	121826	50.393	ug/l	99
46) Dibromomethane	7.66	93	69030	49.233	ug/l	97
47) Bromodichloromethane	7.90	83	136945	51.801	ug/l	100
48) Methyl methacrylate	7.77	41	160199	53.273	ug/l	99
49) 1,4-Dioxane	7.74	88	62312	1106.153	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1035683	270.637	ug/l	100
52) Toluene	8.79	92	252707	50.608	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	153923	51.977	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	171277	50.617	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	103359	51.566	ug/l	99
56) Ethyl methacrylate	9.18	69	188281	51.917	ug/l	99
57) 1,3-Dichloropropane	9.37	76	183462	50.973	ug/l	100
59) 2-Hexanone	9.49	43	793636	266.857	ug/l	99
60) Dibromochloromethane	9.59	129	99672	52.771	ug/l	100
61) 1,2-Dibromoethane	9.67	107	105866	50.735	ug/l	99
64) Tetrachloroethene	9.34	164	88712	52.884	ug/l	99
65) Chlorobenzene	10.14	112	254269	50.663	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	93352	53.020	ug/l	99
67) Ethyl Benzene	10.25	91	475270	50.785	ug/l	98
68) m/p-Xylenes	10.36	106	342099	101.668	ug/l	98
69) o-Xylene	10.70	106	167182	51.268	ug/l	97
70) Styrene	10.71	104	288270	51.284	ug/l	99
71) Bromoform	10.86	173	72065	53.591	ug/l #	99
73) Isopropylbenzene	11.02	105	441234	50.958	ug/l	100
74) N-amyl acetate	10.90	43	234318	45.996	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	160479	48.732	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	138652m	48.307	ug/l	
77) Bromobenzene	11.26	156	105627	50.744	ug/l	98
78) n-propylbenzene	11.36	91	507976	50.384	ug/l	100
79) 2-Chlorotoluene	11.42	91	299727	49.126	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	369795	50.877	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53820	51.688	ug/l	98
82) 4-Chlorotoluene	11.51	91	346014	48.994	ug/l	99
83) tert-Butylbenzene	11.77	119	357471	51.121	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	371035	50.415	ug/l	100
85) sec-Butylbenzene	11.94	105	418481	50.383	ug/l	99
86) p-Isopropyltoluene	12.06	119	380439	51.031	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	182900	49.081	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	183314	48.579	ug/l	99
89) n-Butylbenzene	12.38	91	349261	49.955	ug/l	100
90) Hexachloroethane	12.60	117	63737	51.546	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	182719	49.384	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37003	51.080	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	126878	49.320	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	64209	52.043	ug/l	99
95) Naphthalene	13.83	128	436145	50.726	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	128506	49.996	ug/l	99

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

