

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX041219\
 Data File : VX008921.D
 Acq On : 13 Apr 2019 05:32
 Operator : JC/SP
 Sample : K2367-08MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MS

Manual Integrations
 APPROVED

MMDadoda
 4/13/2019 2:12:47 PM

Quant Time: Apr 13 07:13:55 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	139679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	244526	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	217438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	98826	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	98621	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	5.50	113	72328	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
50) Toluene-d8	8.71	98	267707	43.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.00%	
62) 4-Bromofluorobenzene	11.13	95	102398	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	64118	39.879	ug/l	99
3) Chloromethane	1.32	50	111505	56.819	ug/l	100
4) Vinyl Chloride	1.41	62	99903	45.964	ug/l	97
5) Bromomethane	1.64	94	48618	45.581	ug/l	100
6) Chloroethane	1.71	64	62483	52.809	ug/l	99
7) Trichlorofluoromethane	1.92	101	97652	40.644	ug/l	97
8) Diethyl Ether	2.19	74	57554	50.514	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48565	31.396	ug/l	98
10) Methyl Iodide	2.51	142	70020	49.725	ug/l	100
11) Tert butyl alcohol	3.06	59	206339	432.615	ug/l	98
12) 1,1-Dichloroethene	2.37	96	71088	44.023	ug/l	99
13) Acrolein	2.29	56	72932	308.380	ug/l	99
14) Allyl chloride	2.73	41	178926	48.401	ug/l	96
15) Acrylonitrile	3.15	53	373384	295.506	ug/l	100
16) Acetone	2.45	43	365163	311.194	ug/l	99
17) Carbon Disulfide	2.56	76	211163	45.213	ug/l	100
18) Methyl Acetate	2.78	43	131051	46.049	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	312823	54.245	ug/l	100
20) Methylene Chloride	2.85	84	96110	48.932	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	80129	45.875	ug/l	92
22) Diisopropyl ether	3.85	45	358560	50.324	ug/l	95
23) Vinyl Acetate	3.81	43	1255856	202.612	ug/l	99
24) 1,1-Dichloroethane	3.70	63	174241	49.392	ug/l	99
25) 2-Butanone	4.68	43	596994	321.894	ug/l	99
26) 2,2-Dichloropropane	4.58	77	71555	28.799	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	106291	52.929	ug/l	93
28) Bromochloromethane	5.02	49	83376	57.004	ug/l	96
29) Tetrahydrofuran	5.13	42	386891	314.300	ug/l	99
30) Chloroform	5.21	83	156766	49.754	ug/l	98
31) Cyclohexane	5.58	56	120602	34.262	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	119608	46.976	ug/l	99
36) 1,1-Dichloropropene	5.80	75	106507	39.847	ug/l	99
37) Ethyl Acetate	4.84	43	158795	44.508	ug/l	99
38) Carbon Tetrachloride	5.79	117	93018	42.046	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	106639	32.296	ug/l	97
40) Benzene	6.14	78	420963	52.865	ug/l	100
41) Methacrylonitrile	5.04	41	111176	54.211	ug/l	99
42) 1,2-Dichloroethane	6.19	62	138339	48.460	ug/l	99
43) Isopropyl Acetate	6.45	43	264457	47.318	ug/l	100
44) Trichloroethene	7.21	130	82601	44.538	ug/l	97
45) 1,2-Dichloropropane	7.51	63	107787	47.424	ug/l	99
46) Dibromomethane	7.66	93	63522	48.189	ug/l	97
47) Bromodichloromethane	7.90	83	123707	49.773	ug/l	99
48) Methyl methacrylate	7.77	41	155686	55.068	ug/l	99
49) 1,4-Dioxane	7.74	88	68600	1295.298	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1063454	295.584	ug/l	100
52) Toluene	8.79	92	220317	46.930	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	135295	48.595	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	147903	46.492	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	94821	50.318	ug/l	98
56) Ethyl methacrylate	9.18	69	182570	53.547	ug/l	99
57) 1,3-Dichloropropane	9.37	76	169401	50.062	ug/l	100
59) 2-Hexanone	9.49	43	850739	304.267	ug/l	99
60) Dibromochloromethane	9.59	129	92383	52.025	ug/l	100
61) 1,2-Dibromoethane	9.67	107	99589	50.765	ug/l	98
64) Tetrachloroethene	9.34	164	63574	39.463	ug/l	99
65) Chlorobenzene	10.14	112	223653	46.402	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	84143	49.762	ug/l	100
67) Ethyl Benzene	10.25	91	657811	73.191	ug/l	100
68) m/p-Xylenes	10.36	106	490534	151.797	ug/l	98
69) o-Xylene	10.70	106	155581	49.679	ug/l	98
70) Styrene	10.71	104	250242	46.356	ug/l	99
71) Bromoform	10.85	173	70591	54.661	ug/l	98
73) Isopropylbenzene	11.02	105	362783	44.296	ug/l	100
74) N-amyl acetate	10.90	43	205844	42.719	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	156406	50.214	ug/l	94
76) 1,2,3-Trichloropropane	11.30	75	155853m	57.408	ug/l	
77) Bromobenzene	11.26	156	96447	48.986	ug/l	96
78) n-propylbenzene	11.36	91	426731	44.749	ug/l	99
79) 2-Chlorotoluene	11.42	91	259364	44.944	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	314608	45.762	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47501	48.231	ug/l	99
82) 4-Chlorotoluene	11.51	91	290039	43.419	ug/l	99
83) tert-Butylbenzene	11.77	119	280771	42.450	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	562592	80.818	ug/l	98
85) sec-Butylbenzene	11.94	105	313972	39.964	ug/l	98
86) p-Isopropyltoluene	12.06	119	300029	42.549	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	159798	45.336	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	163938	45.931	ug/l	99
89) n-Butylbenzene	12.38	91	262786	39.738	ug/l	97
90) Hexachloroethane	12.60	117	54179	46.325	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	164541	47.017	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42175	61.552	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	111338	45.757	ug/l	96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	39462	33.816	ug/l	99
95) Naphthalene	13.83	128	544117	66.906	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	115447	47.486	ug/l	99

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

