

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX031119\
 Data File : VX007988.D
 Acq On : 11 Mar 2019 23:23
 Operator : JC/SP
 Sample : K1841-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190308MS

Manual Integrations
 APPROVED

MMDadoda
 3/12/2019 2:20:48 PM

Quant Time: Mar 12 09:25:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349565	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	306463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155654	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	122791	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	
35) Dibromofluoromethane	5.50	113	110714	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
50) Toluene-d8	8.71	98	408125	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	145395	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	95289	46.849	ug/l	99
3) Chloromethane	1.33	50	119819	45.712	ug/l	99
4) Vinyl Chloride	1.41	62	124987	47.990	ug/l	100
5) Bromomethane	1.64	94	60921	49.841	ug/l	100
6) Chloroethane	1.72	64	76864	44.425	ug/l	98
7) Trichlorofluoromethane	1.93	101	165794	48.893	ug/l	98
8) Diethyl Ether	2.19	74	72100	49.102	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	123723	58.878	ug/l	99
10) Methyl Iodide	2.51	142	157590	52.863	ug/l	99
11) Tert butyl alcohol	3.07	59	137346	244.544	ug/l	100
12) 1,1-Dichloroethene	2.37	96	108937	53.782	ug/l	99
13) Acrolein	2.30	56	83932	263.986	ug/l	99
14) Allyl chloride	2.73	41	196009	46.051	ug/l	99
15) Acrylonitrile	3.15	53	335230	236.471	ug/l	99
16) Acetone	2.45	43	276388	190.136	ug/l	98
17) Carbon Disulfide	2.57	76	292579	47.544	ug/l	100
18) Methyl Acetate	2.78	43	136196	44.102	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	346903	49.783	ug/l	100
20) Methylene Chloride	2.86	84	111856	48.350	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	107605	48.280	ug/l	99
22) Diisopropyl ether	3.87	45	367044	47.043	ug/l	96
23) Vinyl Acetate	3.82	43	1363928	199.347	ug/l	99
24) 1,1-Dichloroethane	3.70	63	206385	49.154	ug/l	99
25) 2-Butanone	4.70	43	457022	222.074	ug/l	99
26) 2,2-Dichloropropane	4.59	77	112695	40.513	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	133351	52.287	ug/l	96
28) Bromochloromethane	5.02	49	99056	50.604	ug/l	97
29) Tetrahydrofuran	5.15	42	309923	241.431	ug/l	99
30) Chloroform	5.21	83	201878	50.828	ug/l	99
31) Cyclohexane	5.57	56	183069	47.440	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	165039	50.082	ug/l	99
36) 1,1-Dichloropropene	5.80	75	150386	47.512	ug/l	99
37) Ethyl Acetate	4.85	43	149957	39.923	ug/l	99
38) Carbon Tetrachloride	5.78	117	150230	49.994	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	180092	46.955	ug/l	100
40) Benzene	6.14	78	458250	48.631	ug/l	100
41) Methacrylonitrile	5.06	41	97327	47.526	ug/l	98
42) 1,2-Dichloroethane	6.20	62	148358	48.142	ug/l	100
43) Isopropyl Acetate	6.46	43	245106	44.092	ug/l	99
44) Trichloroethene	7.23	130	8856258	3410.413	ug/l	98
45) 1,2-Dichloropropane	7.52	63	118382	47.566	ug/l	99
46) Dibromomethane	7.66	93	76723	48.711	ug/l	99
47) Bromodichloromethane	7.90	83	144916	48.528	ug/l	99
48) Methyl methacrylate	7.77	41	138030	47.227	ug/l	98
49) 1,4-Dioxane	7.75	88	58792	979.236	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	856866	239.682	ug/l	99
52) Toluene	8.78	92	281300	48.896	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	156456	50.197	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	171429	48.706	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	120505	51.744	ug/l	98
56) Ethyl methacrylate	9.18	69	174678	49.955	ug/l	98
57) 1,3-Dichloropropane	9.37	76	191849	49.062	ug/l	100
59) 2-Hexanone	9.49	43	641626	231.169	ug/l	99
60) Dibromochloromethane	9.58	129	122791	50.443	ug/l	100
61) 1,2-Dibromoethane	9.67	107	122748	49.643	ug/l	100
64) Tetrachloroethene	9.34	164	130791	51.500	ug/l	99
65) Chlorobenzene	10.14	112	310593	48.432	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	116044	50.489	ug/l	99
67) Ethyl Benzene	10.25	91	518867	49.152	ug/l	100
68) m/p-Xylenes	10.36	106	403487	99.162	ug/l	100
69) o-Xylene	10.70	106	195557	49.781	ug/l	98
70) Styrene	10.71	104	323897	50.386	ug/l	100
71) Bromoform	10.85	173	97560	49.427	ug/l #	99
73) Isopropylbenzene	11.02	105	522766	49.659	ug/l	100
74) N-amyl acetate	10.90	43	190210	39.578	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	168715	46.463	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	160929m	49.270	ug/l	
77) Bromobenzene	11.26	156	139182	48.224	ug/l	98
78) n-propylbenzene	11.36	91	575607	49.287	ug/l	100
79) 2-Chlorotoluene	11.42	91	344108	48.190	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	427070	49.290	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	47976	46.951	ug/l	100
82) 4-Chlorotoluene	11.51	91	393505	48.088	ug/l	99
83) tert-Butylbenzene	11.77	119	426207	48.834	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	442947	49.870	ug/l	100
85) sec-Butylbenzene	11.94	105	508913	49.510	ug/l	99
86) p-Isopropyltoluene	12.06	119	458605	49.818	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	244851	47.953	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	245206	46.893	ug/l	100
89) n-Butylbenzene	12.38	91	378482	48.529	ug/l	99
90) Hexachloroethane	12.60	117	74654	48.504	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	243585	48.021	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35227	46.419	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	170597	47.875	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	88532	47.521	ug/l	100
95) Naphthalene	13.83	128	508443	49.520	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	170772	48.108	ug/l	99

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

