

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040419\
 Data File : VX008671.D
 Acq On : 05 Apr 2019 05:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 10:53:38 AM

Quant Time: Apr 05 09:37:47 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	5.66	168	176113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	303016	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	127760	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	129702	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
35) Dibromofluoromethane	5.49	113	95776	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	8.71	98	389223	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	11.13	95	143634	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	88702	43.756	ug/l	98
3) Chloromethane	1.32	50	120851	48.596	ug/l	100
4) Vinyl Chloride	1.40	62	123422	45.038	ug/l	98
5) Bromomethane	1.64	94	60181	44.784	ug/l	100
6) Chloroethane	1.71	64	75579	50.532	ug/l	99
7) Trichlorofluoromethane	1.92	101	139062	45.906	ug/l	100
8) Diethyl Ether	2.18	74	65788	45.795	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	86805	44.507	ug/l	98
10) Methyl Iodide	2.51	142	71545	41.056	ug/l	99
11) Tert butyl alcohol	3.06	59	147234	244.832	ug/l	100
12) 1,1-Dichloroethene	2.37	96	92518	45.441	ug/l	97
13) Acrolein	2.29	56	51094	171.347	ug/l	99
14) Allyl chloride	2.73	41	207200	44.454	ug/l	99
15) Acrylonitrile	3.14	53	367440	230.641	ug/l	99
16) Acetone	2.45	43	316066	213.630	ug/l	99
17) Carbon Disulfide	2.57	76	270938	46.023	ug/l	99
18) Methyl Acetate	2.78	43	163293	45.508	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	346801	47.696	ug/l	100
20) Methylene Chloride	2.85	84	110872	44.769	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	97166	44.120	ug/l	95
22) Diisopropyl ether	3.85	45	421884	46.962	ug/l	94
23) Vinyl Acetate	3.81	43	1855449	237.418	ug/l	99
24) 1,1-Dichloroethane	3.70	63	204938	46.076	ug/l	100
25) 2-Butanone	4.67	43	543085	232.247	ug/l	100
26) 2,2-Dichloropropane	4.58	77	101815	32.501	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	117481	46.398	ug/l	97
28) Bromochloromethane	5.01	49	105491	57.214	ug/l	99
29) Tetrahydrofuran	5.13	42	360089	232.009	ug/l	100
30) Chloroform	5.21	83	184586	46.464	ug/l	99
31) Cyclohexane	5.58	56	198521	44.730	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	151173	47.090	ug/l	99
36) 1,1-Dichloropropene	5.80	75	143031	43.182	ug/l	100
37) Ethyl Acetate	4.84	43	204548	46.265	ug/l	100
38) Carbon Tetrachloride	5.78	117	126034	45.974	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	171826	41.993	ug/l	99
40) Benzene	6.14	78	442966	44.891	ug/l	99
41) Methacrylonitrile	5.04	41	116446	45.821	ug/l	99
42) 1,2-Dichloroethane	6.19	62	156729	44.304	ug/l	100
43) Isopropyl Acetate	6.45	43	328628	47.450	ug/l	99
44) Trichloroethene	7.21	130	103480	45.026	ug/l	98
45) 1,2-Dichloropropane	7.51	63	126157	44.793	ug/l	99
46) Dibromomethane	7.66	93	72850	44.597	ug/l	99
47) Bromodichloromethane	7.90	83	143029	46.439	ug/l	99
48) Methyl methacrylate	7.77	41	166190	47.437	ug/l	99
49) 1,4-Dioxane	7.74	88	61447	936.280	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1083145	242.945	ug/l	100
52) Toluene	8.78	92	267327	45.952	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	158145	45.838	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	175153	44.430	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	108222	46.344	ug/l	97
56) Ethyl methacrylate	9.18	69	206336	48.836	ug/l	100
57) 1,3-Dichloropropane	9.37	76	192711	45.958	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	514445	238.454	ug/l	100
59) 2-Hexanone	9.49	43	829644	239.448	ug/l	100
60) Dibromochloromethane	9.58	129	106544	48.418	ug/l	100
61) 1,2-Dibromoethane	9.67	107	110646	45.514	ug/l	98
64) Tetrachloroethene	9.34	164	93072	45.821	ug/l	99
65) Chlorobenzene	10.14	112	275083	45.266	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	97930	45.934	ug/l	99
67) Ethyl Benzene	10.25	91	513256	45.293	ug/l	100
68) m/p-Xylenes	10.36	106	370968	91.048	ug/l	100
69) o-Xylene	10.69	106	182600	46.245	ug/l	100
70) Styrene	10.71	104	320955	47.155	ug/l	100
71) Bromoform	10.85	173	79043	48.544	ug/l #	99
73) Isopropylbenzene	11.02	105	480274	45.361	ug/l	100
74) N-amyl acetate	10.90	43	295649	47.461	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	181214	45.003	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	178221m	50.780	ug/l	
77) Bromobenzene	11.26	156	116882	45.920	ug/l	99
78) n-propylbenzene	11.36	91	554078	44.944	ug/l	100
79) 2-Chlorotoluene	11.42	91	334970	44.899	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	403050	45.350	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53886	42.323	ug/l	98
82) 4-Chlorotoluene	11.51	91	385470	44.637	ug/l	100
83) tert-Butylbenzene	11.77	119	388758	45.466	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	409888	45.547	ug/l	100
85) sec-Butylbenzene	11.94	105	461369	45.426	ug/l	100
86) p-Isopropyltoluene	12.06	119	413049	45.311	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	205891	45.184	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	205855	44.613	ug/l	99
89) n-Butylbenzene	12.38	91	374808	43.842	ug/l	99
90) Hexachloroethane	12.60	117	70873	46.875	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	205471	45.415	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39315	44.383	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	140060	44.525	ug/l	100
94) Hexachlorobutadiene	13.78	225	66080	43.802	ug/l	99
95) Naphthalene	13.83	128	482816	45.923	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	141008	44.865	ug/l	100

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

