

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030819\
 Data File : VX007958.D
 Acq On : 09 Mar 2019 03:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 12:02:39 PM

Quant Time: Mar 09 06:45:02 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	249538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	370710	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	325536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	163245	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	132948	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	5.50	113	117953	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.71	98	439115	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.13	95	154700	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	101186	47.462	ug/l	98
3) Chloromethane	1.33	50	130498	47.498	ug/l	100
4) Vinyl Chloride	1.41	62	135586	49.667	ug/l	99
5) Bromomethane	1.64	94	64745	50.552	ug/l	98
6) Chloroethane	1.72	64	84213	46.436	ug/l	100
7) Trichlorofluoromethane	1.93	101	176446	49.644	ug/l	97
8) Diethyl Ether	2.19	74	77620	50.432	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	107215	48.678	ug/l	99
10) Methyl Iodide	2.51	142	168055	53.783	ug/l	100
11) Tert butyl alcohol	3.08	59	150655	255.915	ug/l	99
12) 1,1-Dichloroethene	2.37	96	105343	49.618	ug/l	99
13) Acrolein	2.30	56	87381	262.216	ug/l	99
14) Allyl chloride	2.73	41	213084	47.763	ug/l	99
15) Acrylonitrile	3.15	53	365170	245.755	ug/l	100
16) Acetone	2.45	43	304304	199.721	ug/l	100
17) Carbon Disulfide	2.57	76	318289	49.362	ug/l	99
18) Methyl Acetate	2.78	43	185250	57.231	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	374540	51.279	ug/l	100
20) Methylene Chloride	2.86	84	120446	49.671	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	113990	48.795	ug/l	98
22) Diisopropyl ether	3.87	45	403823	49.379	ug/l	99
23) Vinyl Acetate	3.82	43	1745371	243.376	ug/l	100
24) 1,1-Dichloroethane	3.70	63	220059	50.002	ug/l	99
25) 2-Butanone	4.70	43	500293	231.930	ug/l	99
26) 2,2-Dichloropropane	4.59	77	114711	39.343	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	130963	48.992	ug/l	98
28) Bromochloromethane	5.02	49	106081	51.702	ug/l	100
29) Tetrahydrofuran	5.15	42	334842	248.858	ug/l	99
30) Chloroform	5.21	83	208500	50.083	ug/l	100
31) Cyclohexane	5.57	56	198623	49.106	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	174818	50.612	ug/l	99
36) 1,1-Dichloropropene	5.80	75	159600	47.547	ug/l	100
37) Ethyl Acetate	4.85	43	189569	47.590	ug/l	99
38) Carbon Tetrachloride	5.78	117	153744	48.245	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	192909	47.428	ug/l	99
40) Benzene	6.14	78	491411	49.175	ug/l	100
41) Methacrylonitrile	5.06	41	106389	48.988	ug/l	99
42) 1,2-Dichloroethane	6.20	62	158659	48.548	ug/l	100
43) Isopropyl Acetate	6.46	43	289652	49.133	ug/l	99
44) Trichloroethene	7.21	130	133377	48.432	ug/l	97
45) 1,2-Dichloropropane	7.52	63	130072	49.282	ug/l	100
46) Dibromomethane	7.66	93	82109	49.158	ug/l	100
47) Bromodichloromethane	7.90	83	155755	49.183	ug/l	99
48) Methyl methacrylate	7.77	41	153501	49.525	ug/l	99
49) 1,4-Dioxane	7.75	88	63923	1003.968	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	932723	246.019	ug/l	99
52) Toluene	8.79	92	301450	49.410	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	165419	50.045	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	184731	49.491	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	124542	50.427	ug/l	98
56) Ethyl methacrylate	9.18	69	190606	51.401	ug/l	98
57) 1,3-Dichloropropane	9.37	76	206525	49.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	504807	263.170	ug/l	99
59) 2-Hexanone	9.49	43	699389	237.608	ug/l	99
60) Dibromochloromethane	9.59	129	128725	49.865	ug/l	99
61) 1,2-Dibromoethane	9.67	107	131111	50.001	ug/l	100
64) Tetrachloroethene	9.34	164	125948	46.687	ug/l	99
65) Chlorobenzene	10.14	112	328131	48.169	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	121058	49.585	ug/l	99
67) Ethyl Benzene	10.25	91	557435	49.712	ug/l	100
68) m/p-Xylenes	10.36	106	425990	98.558	ug/l	99
69) o-Xylene	10.70	106	207835	49.807	ug/l	100
70) Styrene	10.71	104	343943	50.370	ug/l	100
71) Bromoform	10.86	173	100810	48.082	ug/l	99
73) Isopropylbenzene	11.02	105	553905	50.170	ug/l	100
74) N-amyl acetate	10.90	43	248040	49.212	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	182101	47.817	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	172693m	50.413	ug/l	
77) Bromobenzene	11.26	156	146418	48.372	ug/l	100
78) n-propylbenzene	11.36	91	613595	50.097	ug/l	100
79) 2-Chlorotoluene	11.42	91	366786	48.978	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	458270	50.432	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50248	46.888	ug/l	99
82) 4-Chlorotoluene	11.51	91	420235	48.966	ug/l	100
83) tert-Butylbenzene	11.77	119	453147	49.507	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	471514	50.617	ug/l	100
85) sec-Butylbenzene	11.94	105	546056	50.653	ug/l	99
86) p-Isopropyltoluene	12.06	119	490609	50.817	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	257282	48.045	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	258510	47.138	ug/l	100
89) n-Butylbenzene	12.38	91	410119	50.140	ug/l	99
90) Hexachloroethane	12.60	117	79541	49.276	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	257851	48.470	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38190	47.983	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	184895	49.475	ug/l	99
94) Hexachlorobutadiene	13.78	225	95528	48.891	ug/l	99
95) Naphthalene	13.83	128	554513	51.496	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	183923	49.404	ug/l	98

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

