

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021819\
 Data File : VX007599.D
 Acq On : 18 Feb 2019 19:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/19/2019 11:01:30 AM

Quant Time: Feb 19 06:03:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	420012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	629932	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	582016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	298353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	230978	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
35) Dibromofluoromethane	5.50	113	214246	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
50) Toluene-d8	8.71	98	767168	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.13	95	276727	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	216625	42.000	ug/l	98
3) Chloromethane	1.33	50	206019	43.548	ug/l	97
4) Vinyl Chloride	1.41	62	220003	47.403	ug/l	99
5) Bromomethane	1.64	94	208145	45.311	ug/l	98
6) Chloroethane	1.71	64	143119	47.670	ug/l	100
7) Trichlorofluoromethane	1.93	101	346700	47.753	ug/l	97
8) Diethyl Ether	2.19	74	136137	49.819	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	190420	44.093	ug/l	99
10) Methyl Iodide	2.51	142	278431	43.827	ug/l	100
11) Tert butyl alcohol	3.07	59	237117	257.008	ug/l	100
12) 1,1-Dichloroethene	2.37	96	179505	44.761	ug/l	97
13) Acrolein	2.30	56	80412	185.866	ug/l	98
14) Allyl chloride	2.73	41	306184	46.858	ug/l	99
15) Acrylonitrile	3.15	53	571539	250.419	ug/l	100
16) Acetone	2.45	43	493581	241.699	ug/l	99
17) Carbon Disulfide	2.57	76	413641	39.893	ug/l	99
18) Methyl Acetate	2.78	43	320708	60.152	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	636265	48.973	ug/l	96
20) Methylene Chloride	2.85	84	208863	50.073	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	188985	44.239	ug/l	98
22) Diisopropyl ether	3.87	45	615818	51.236	ug/l	97
23) Vinyl Acetate	3.82	43	2549466	255.614	ug/l	99
24) 1,1-Dichloroethane	3.70	63	345273	50.022	ug/l	98
25) 2-Butanone	4.70	43	796915	274.212	ug/l	100
26) 2,2-Dichloropropane	4.59	77	238209	45.317	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	232138	49.751	ug/l	98
28) Bromochloromethane	5.02	49	167220	52.681	ug/l	96
29) Tetrahydrofuran	5.15	42	518577	283.716	ug/l	99
30) Chloroform	5.21	83	378631	52.569	ug/l	96
31) Cyclohexane	5.57	56	285080	45.986	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	321330	52.853	ug/l	99
36) 1,1-Dichloropropene	5.80	75	255877	45.272	ug/l	99
37) Ethyl Acetate	4.85	43	298543	52.253	ug/l	99
38) Carbon Tetrachloride	5.78	117	279779	51.024	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	292220	42.733	ug/l	96
40) Benzene	6.14	78	813178	48.842	ug/l	98
41) Methacrylonitrile	5.06	41	165859	54.164	ug/l	98
42) 1,2-Dichloroethane	6.20	62	281615	48.887	ug/l	98
43) Isopropyl Acetate	6.46	43	477467	54.142	ug/l	99
44) Trichloroethene	7.21	130	234655	46.797	ug/l	96
45) 1,2-Dichloropropane	7.52	63	210073	50.359	ug/l	97
46) Dibromomethane	7.66	93	150366	49.595	ug/l	97
47) Bromodichloromethane	7.90	83	277513	54.009	ug/l	100
48) Methyl methacrylate	7.77	41	242546	54.985	ug/l	99
49) 1,4-Dioxane	7.75	88	105628	1052.573	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1589869	273.857	ug/l	100
52) Toluene	8.79	92	520999	48.502	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	292114	52.926	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	322155	53.077	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	230486	51.475	ug/l	99
56) Ethyl methacrylate	9.18	69	329511	53.133	ug/l	99
57) 1,3-Dichloropropane	9.37	76	360731	50.659	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	877403	268.422	ug/l	99
59) 2-Hexanone	9.49	43	1200163	265.662	ug/l	100
60) Dibromochloromethane	9.59	129	244828	57.813	ug/l	100
61) 1,2-Dibromoethane	9.67	107	245621	51.798	ug/l	100
64) Tetrachloroethene	9.34	164	242706	44.244	ug/l	99
65) Chlorobenzene	10.14	112	608002	47.872	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	230293	54.083	ug/l	99
67) Ethyl Benzene	10.25	91	1005630	49.168	ug/l	100
68) m/p-Xylenes	10.36	106	783148	96.324	ug/l	99
69) o-Xylene	10.69	106	381440	48.756	ug/l	99
70) Styrene	10.71	104	630286	49.677	ug/l	99
71) Bromoform	10.85	173	184439	49.434	ug/l	100
73) Isopropylbenzene	11.02	105	1024810	50.546	ug/l	99
74) N-amyl acetate	10.90	43	420076	53.567	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	334118	54.074	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	317620m	54.731	ug/l	
77) Bromobenzene	11.26	156	276930	48.478	ug/l	98
78) n-propylbenzene	11.36	91	1133271	50.974	ug/l	99
79) 2-Chlorotoluene	11.42	91	665994	49.369	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	843817	50.872	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	94059	50.089	ug/l	97
82) 4-Chlorotoluene	11.51	91	779760	49.954	ug/l	99
83) tert-Butylbenzene	11.77	119	832456	50.691	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	859359	51.031	ug/l	99
85) sec-Butylbenzene	11.94	105	1024312	51.535	ug/l	100
86) p-Isopropyltoluene	12.06	119	914087	50.946	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	487685	47.570	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	487466	46.867	ug/l	99
89) n-Butylbenzene	12.38	91	760621	49.280	ug/l	100
90) Hexachloroethane	12.60	117	153854	57.295	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	494081	48.426	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72258	56.241	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	332059	48.260	ug/l	99
94) Hexachlorobutadiene	13.78	225	162498	48.637	ug/l	98
95) Naphthalene	13.83	128	1054637	52.415	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	338292	48.844	ug/l	99

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

