

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022119\
 Data File : VX007621.D
 Acq On : 21 Feb 2019 10:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/22/2019 10:40:17 AM

Quant Time: Feb 22 04:45:02 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	531921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	762581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	661612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	353715	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	258929	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
35) Dibromofluoromethane	5.50	113	246047	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	8.71	98	856094	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
62) 4-Bromofluorobenzene	11.13	95	306259	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	271077	41.502	ug/l	98
3) Chloromethane	1.33	50	226728	37.843	ug/l	97
4) Vinyl Chloride	1.42	62	257459	43.803	ug/l	100
5) Bromomethane	1.64	94	229025	39.302	ug/l	100
6) Chloroethane	1.72	64	164007	43.134	ug/l	97
7) Trichlorofluoromethane	1.93	101	409870	44.577	ug/l	98
8) Diethyl Ether	2.20	74	155818	45.024	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	246315	45.036	ug/l	99
10) Methyl Iodide	2.51	142	329609	40.967	ug/l	100
11) Tert butyl alcohol	3.07	59	264744	226.582	ug/l	99
12) 1,1-Dichloroethene	2.38	96	214306	42.196	ug/l	95
13) Acrolein	2.30	56	151184	275.931	ug/l	98
14) Allyl chloride	2.73	41	368063	44.478	ug/l	98
15) Acrylonitrile	3.15	53	654857	226.559	ug/l	99
16) Acetone	2.45	43	621445	240.289	ug/l	97
17) Carbon Disulfide	2.57	76	504543	38.500	ug/l	100
18) Methyl Acetate	2.78	43	367977	54.554	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	751555	45.677	ug/l	97
20) Methylene Chloride	2.86	84	237389	44.898	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	228520	42.239	ug/l	95
22) Diisopropyl ether	3.87	45	726756	47.745	ug/l	98
23) Vinyl Acetate	3.82	43	3086385	244.343	ug/l	99
24) 1,1-Dichloroethane	3.70	63	412331	47.170	ug/l	99
25) 2-Butanone	4.70	43	914279	248.409	ug/l	98
26) 2,2-Dichloropropane	4.59	77	352386	52.934	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	277630	46.982	ug/l	99
28) Bromochloromethane	5.03	49	178929	44.511	ug/l	97
29) Tetrahydrofuran	5.15	42	576883	249.215	ug/l	98
30) Chloroform	5.21	83	447118	49.017	ug/l	99
31) Cyclohexane	5.58	56	347471	44.258	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	389070	50.531	ug/l	99
36) 1,1-Dichloropropene	5.80	75	311991	45.598	ug/l	98
37) Ethyl Acetate	4.85	43	331034	47.861	ug/l	98
38) Carbon Tetrachloride	5.78	117	353493	53.253	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	389463	47.046	ug/l	97
40) Benzene	6.14	78	965037	47.881	ug/l	97
41) Methacrylonitrile	5.06	41	188034	50.725	ug/l	98
42) 1,2-Dichloroethane	6.20	62	326576	46.831	ug/l	98
43) Isopropyl Acetate	6.46	43	535844	50.192	ug/l	99
44) Trichloroethene	7.21	130	289075	47.622	ug/l	100
45) 1,2-Dichloropropane	7.51	63	248191	49.148	ug/l	97
46) Dibromomethane	7.66	93	176298	48.034	ug/l	99
47) Bromodichloromethane	7.90	83	328767	52.854	ug/l	98
48) Methyl methacrylate	7.77	41	271151	50.777	ug/l	98
49) 1,4-Dioxane	7.75	88	117036	963.969	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1795790	255.521	ug/l	100
52) Toluene	8.78	92	604939	46.520	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	365128	54.647	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	399356	54.351	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	264785	48.849	ug/l	96
56) Ethyl methacrylate	9.18	69	376040	50.088	ug/l	100
57) 1,3-Dichloropropane	9.37	76	418147	48.508	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1269286	320.764	ug/l	99
59) 2-Hexanone	9.49	43	1381262	252.565	ug/l	99
60) Dibromochloromethane	9.59	129	292536	57.063	ug/l	98
61) 1,2-Dibromoethane	9.67	107	279965	48.771	ug/l	99
64) Tetrachloroethene	9.34	164	293466	47.061	ug/l	98
65) Chlorobenzene	10.14	112	702858	48.682	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	274753	56.761	ug/l	99
67) Ethyl Benzene	10.25	91	1165472	50.128	ug/l	99
68) m/p-Xylenes	10.36	106	916150	99.127	ug/l	100
69) o-Xylene	10.70	106	444462	49.977	ug/l	99
70) Styrene	10.71	104	735796	51.016	ug/l	100
71) Bromoform	10.86	173	223857	52.508	ug/l #	98
73) Isopropylbenzene	11.02	105	1216171	50.596	ug/l	99
74) N-amyl acetate	10.90	43	493140	53.042	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	377811	51.575	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	366996m	53.341	ug/l	
77) Bromobenzene	11.26	156	324037	47.846	ug/l	98
78) n-propylbenzene	11.36	91	1380076	52.359	ug/l	100
79) 2-Chlorotoluene	11.42	91	794388	49.670	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1009466	51.333	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	121968	54.388	ug/l	94
82) 4-Chlorotoluene	11.51	91	943047	50.959	ug/l	100
83) tert-Butylbenzene	11.77	119	1015144	52.140	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1034826	51.833	ug/l	99
85) sec-Butylbenzene	11.94	105	1251602	53.114	ug/l	100
86) p-Isopropyltoluene	12.06	119	1136376	53.422	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	597238	49.138	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	595202	48.268	ug/l	100
89) n-Butylbenzene	12.38	91	998354	54.559	ug/l	99
90) Hexachloroethane	12.60	117	192127	60.350	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	594987	49.189	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	83652	54.919	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	427019	52.348	ug/l	100
94) Hexachlorobutadiene	13.78	225	210434	53.126	ug/l	99
95) Naphthalene	13.83	128	1246928	52.272	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	420594	51.222	ug/l	99

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

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