

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021219\
 Data File : VX007482.D
 Acq On : 12 Feb 2019 11:53
 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
 2/13/2019 11:58:14 AM

Quant Time: Feb 13 00:19:07 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	5.66	168	459455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	668908	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	610727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	317719	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	239557	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
35) Dibromofluoromethane	5.50	113	224033	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
50) Toluene-d8	8.71	98	814545	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.13	95	289822	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	249619	44.233	ug/l	99
3) Chloromethane	1.33	50	205604	39.730	ug/l	98
4) Vinyl Chloride	1.41	62	234280	46.146	ug/l	99
5) Bromomethane	1.64	94	176826	35.078	ug/l	99
6) Chloroethane	1.72	64	147809	45.006	ug/l	97
7) Trichlorofluoromethane	1.93	101	372506	46.903	ug/l	98
8) Diethyl Ether	2.19	74	136999	45.830	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	218385	46.227	ug/l	98
10) Methyl Iodide	2.51	142	201159	28.946	ug/l	99
11) Tert butyl alcohol	3.06	59	242814	240.590	ug/l	99
12) 1,1-Dichloroethene	2.37	96	198128	45.164	ug/l	98
13) Acrolein	2.29	56	106394	224.810	ug/l	99
14) Allyl chloride	2.73	41	335433	46.928	ug/l	100
15) Acrylonitrile	3.15	53	590461	236.500	ug/l	99
16) Acetone	2.45	43	544587	243.782	ug/l	97
17) Carbon Disulfide	2.57	76	514040	45.031	ug/l	100
18) Methyl Acetate	2.78	43	317485	54.492	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	659608	46.411	ug/l	97
20) Methylene Chloride	2.85	84	217550	47.659	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	205601	43.996	ug/l	99
22) Diisopropyl ether	3.87	45	634661	48.271	ug/l	99
23) Vinyl Acetate	3.82	43	2741148	251.239	ug/l	99
24) 1,1-Dichloroethane	3.70	63	378834	50.173	ug/l	98
25) 2-Butanone	4.70	43	801728	252.185	ug/l	100
26) 2,2-Dichloropropane	4.58	77	268922	46.767	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	238351	46.697	ug/l	98
28) Bromochloromethane	5.02	49	169865	48.921	ug/l	98
29) Tetrahydrofuran	5.15	42	514878	257.510	ug/l	99
30) Chloroform	5.21	83	389171	49.394	ug/l	99
31) Cyclohexane	5.57	56	317326	46.793	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	335313	50.418	ug/l	99
36) 1,1-Dichloropropene	5.79	75	277708	46.271	ug/l	99
37) Ethyl Acetate	4.85	43	295841	48.763	ug/l	99
38) Carbon Tetrachloride	5.78	117	303024	52.043	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	345783	47.619	ug/l	97
40) Benzene	6.14	78	843079	47.688	ug/l	99
41) Methacrylonitrile	5.06	41	164113	50.471	ug/l	98
42) 1,2-Dichloroethane	6.20	62	286814	46.889	ug/l	99
43) Isopropyl Acetate	6.46	43	468296	50.008	ug/l	100
44) Trichloroethene	7.21	130	248270	46.627	ug/l	98
45) 1,2-Dichloropropane	7.51	63	216570	48.892	ug/l	97
46) Dibromomethane	7.66	93	156050	48.471	ug/l	96
47) Bromodichloromethane	7.90	83	283826	52.019	ug/l	99
48) Methyl methacrylate	7.77	41	242798	51.835	ug/l	99
49) 1,4-Dioxane	7.75	88	105729	992.584	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1553696	252.032	ug/l	100
52) Toluene	8.78	92	547941	48.038	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	304256	51.914	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	336484	52.208	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	230822	48.546	ug/l	98
56) Ethyl methacrylate	9.18	69	331816	50.387	ug/l	97
57) 1,3-Dichloropropane	9.37	76	363708	48.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	868433	250.197	ug/l	99
59) 2-Hexanone	9.49	43	1179628	245.902	ug/l	99
60) Dibromochloromethane	9.58	129	249821	55.555	ug/l	97
61) 1,2-Dibromoethane	9.67	107	247698	49.193	ug/l	99
64) Tetrachloroethene	9.34	164	255746	44.429	ug/l	97
65) Chlorobenzene	10.13	112	631677	47.398	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	235282	52.657	ug/l	99
67) Ethyl Benzene	10.25	91	1048153	48.838	ug/l	98
68) m/p-Xylenes	10.36	106	820183	96.137	ug/l	99
69) o-Xylene	10.69	106	399138	48.620	ug/l	100
70) Styrene	10.71	104	654910	49.191	ug/l	99
71) Bromoform	10.85	173	191056	48.852	ug/l	100
73) Isopropylbenzene	11.02	105	1083506	50.184	ug/l	99
74) N-amyl acetate	10.90	43	418361	50.097	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	332843	50.584	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	323818m	52.398	ug/l	
77) Bromobenzene	11.26	156	287437	47.250	ug/l	99
78) n-propylbenzene	11.36	91	1218104	51.450	ug/l	100
79) 2-Chlorotoluene	11.42	91	706654	49.190	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	880415	49.843	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	100560	50.270	ug/l	92
82) 4-Chlorotoluene	11.51	91	812268	48.865	ug/l	100
83) tert-Butylbenzene	11.77	119	868890	49.684	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	905308	50.483	ug/l	100
85) sec-Butylbenzene	11.94	105	1084530	51.239	ug/l	100
86) p-Isopropyltoluene	12.06	119	971620	50.852	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	518901	47.529	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	519397	46.893	ug/l	99
89) n-Butylbenzene	12.38	91	834835	50.792	ug/l	100
90) Hexachloroethane	12.60	117	165006	57.703	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	509829	46.924	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72302	52.845	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	349845	47.746	ug/l	99
94) Hexachlorobutadiene	13.78	225	169241	47.567	ug/l	99
95) Naphthalene	13.83	128	1075429	50.190	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	350217	47.484	ug/l	98

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

