

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021420\
 Data File : VX014945.D
 Acq On : 14 Feb 2020 16:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 2/17/2020 4:25:27 PM

Quant Time: Feb 14 23:54:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	392255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	600335	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	575087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	314429	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	236545	53.43	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	106.86%	
35) Dibromofluoromethane	5.48	113	192857	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
50) Toluene-d8	8.71	98	714708	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	11.13	95	268606	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	192502	51.821	ug/l	100
3) Chloromethane	1.32	50	225837	53.624	ug/l	100
4) Vinyl Chloride	1.40	62	233031	51.364	ug/l	99
5) Bromomethane	1.63	94	162167	55.221	ug/l	95
6) Chloroethane	1.72	64	150307	51.777	ug/l	99
7) Trichlorofluoromethane	1.92	101	322597	50.893	ug/l	99
8) Diethyl Ether	2.18	74	152059	57.848	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	187305	50.906	ug/l	99
10) Methyl Iodide	2.50	142	238956	57.534	ug/l	100
11) Tert butyl alcohol	3.02	59	228884	292.829	ug/l	99
12) 1,1-Dichloroethene	2.37	96	183736	51.103	ug/l	99
13) Acrolein	2.28	56	172961	290.334	ug/l	98
14) Allyl chloride	2.72	41	346099	54.294	ug/l	99
15) Acrylonitrile	3.12	53	572924	289.137	ug/l	99
16) Acetone	2.43	43	558278	234.070	ug/l	99
17) Carbon Disulfide	2.56	76	489853	48.763	ug/l	99
18) Methyl Acetate	2.76	43	260145	58.348	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	704377	60.197	ug/l	98
20) Methylene Chloride	2.84	84	230422	54.108	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	211663	53.353	ug/l	99
22) Diisopropyl ether	3.84	45	720466	59.177	ug/l	95
23) Vinyl Acetate	3.80	43	3160501	314.906	ug/l	100
24) 1,1-Dichloroethane	3.69	63	389346	56.663	ug/l	100
25) 2-Butanone	4.65	43	820151	272.129	ug/l	100
26) 2,2-Dichloropropane	4.57	77	322333	54.434	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	252342	56.901	ug/l	99
28) Bromochloromethane	5.00	49	153199	57.521	ug/l	96
29) Tetrahydrofuran	5.11	42	506561	295.671	ug/l	99
30) Chloroform	5.19	83	399351	58.579	ug/l	96
31) Cyclohexane	5.56	56	309612	49.472	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	324906	54.483	ug/l	100
36) 1,1-Dichloropropene	5.78	75	276264	51.444	ug/l	100
37) Ethyl Acetate	4.81	43	317265	56.644	ug/l	99
38) Carbon Tetrachloride	5.77	117	277073	52.943	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	329220	49.019	ug/l	97
40) Benzene	6.13	78	873912	54.466	ug/l	98
41) Methacrylonitrile	5.02	41	182846	60.598	ug/l	99
42) 1,2-Dichloroethane	6.17	62	330798	57.042	ug/l	99
43) Isopropyl Acetate	6.42	43	536792	58.097	ug/l	99
44) Trichloroethene	7.20	130	248429	53.335	ug/l	96
45) 1,2-Dichloropropane	7.50	63	230385	56.301	ug/l	100
46) Dibromomethane	7.65	93	159316	56.957	ug/l	100
47) Bromodichloromethane	7.89	83	322446	58.140	ug/l	100
48) Methyl methacrylate	7.76	41	266308	58.567	ug/l	99
49) 1,4-Dioxane	7.73	88	101463	1193.447	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1609621	288.510	ug/l	100
52) Toluene	8.78	92	560165	54.967	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	356842	58.709	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	386893	57.620	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	239453	58.076	ug/l	99
56) Ethyl methacrylate	9.17	69	372753	60.148	ug/l	100
57) 1,3-Dichloropropane	9.36	76	392961	56.619	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1053728	325.117	ug/l	99
59) 2-Hexanone	9.48	43	1232115	280.970	ug/l	99
60) Dibromochloromethane	9.57	129	263809	59.456	ug/l	96
61) 1,2-Dibromoethane	9.67	107	253042	56.880	ug/l	100
64) Tetrachloroethene	9.33	164	251865	46.843	ug/l	98
65) Chlorobenzene	10.13	112	625626	53.636	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	241556	57.043	ug/l	98
67) Ethyl Benzene	10.25	91	1069788	53.928	ug/l	99
68) m/p-Xylenes	10.35	106	833057	109.010	ug/l	97
69) o-Xylene	10.69	106	404122	55.012	ug/l	99
70) Styrene	10.70	104	703049	56.572	ug/l	99
71) Bromoform	10.85	173	208454	58.974	ug/l #	100
73) Isopropylbenzene	11.01	105	1047402	53.119	ug/l	100
74) N-amyl acetate	10.89	43	476459	58.154	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	348170	54.016	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	306106m	53.836	ug/l	
77) Bromobenzene	11.25	156	295981	53.780	ug/l	98
78) n-propylbenzene	11.35	91	1192250	52.278	ug/l	99
79) 2-Chlorotoluene	11.42	91	716055	53.407	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	894164	54.272	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	122266	55.042	ug/l	98
82) 4-Chlorotoluene	11.50	91	845296	53.239	ug/l	99
83) tert-Butylbenzene	11.76	119	848159	54.363	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	913235	55.002	ug/l	100
85) sec-Butylbenzene	11.94	105	993841	51.277	ug/l	100
86) p-Isopropyltoluene	12.06	119	944601	52.081	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	523204	52.992	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	531407	52.706	ug/l	99
89) n-Butylbenzene	12.38	91	818701	50.401	ug/l	100
90) Hexachloroethane	12.59	117	169829	53.618	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	517418	53.439	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	76600	50.655	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	375733	52.575	ug/l	99
94) Hexachlorobutadiene	13.78	225	165692	47.934	ug/l	99
95) Naphthalene	13.83	128	1080223	56.849	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	366179	53.034	ug/l	98

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

