

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040920\
 Data File : VX015584.D
 Acq On : 09 Apr 2020 10:24
 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

sam
 4/10/2020 2:12:29 PM

Quant Time: Apr 09 15:40:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	1138329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1713922	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1562356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	841603	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	705924	43.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.94%	
35) Dibromofluoromethane	5.47	113	521928	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
50) Toluene-d8	8.70	98	1928501	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.12	95	791636	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	488324	48.692	ug/l	99
3) Chloromethane	1.31	50	554200	43.393	ug/l	99
4) Vinyl Chloride	1.39	62	557876	47.571	ug/l	98
5) Bromomethane	1.62	94	254423	46.498	ug/l	99
6) Chloroethane	1.70	64	349101	47.998	ug/l	99
7) Trichlorofluoromethane	1.91	101	797885	50.733	ug/l	95
8) Diethyl Ether	2.17	74	320962	48.384	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	519100	50.631	ug/l	100
10) Methyl Iodide	2.49	142	600837	43.466	ug/l	99
11) Tert butyl alcohol	3.01	59	735183	191.313	ug/l	99
12) 1,1-Dichloroethene	2.36	96	493341	45.905	ug/l	99
13) Acrolein	2.27	56	352346	160.959	ug/l	99
14) Allyl chloride	2.70	41	1095113	43.610	ug/l	97
15) Acrylonitrile	3.11	53	1570025	214.234	ug/l	100
16) Acetone	2.42	43	1950069	282.719	ug/l	99
17) Carbon Disulfide	2.55	76	1384631	42.234	ug/l	100
18) Methyl Acetate	2.75	43	759829	43.161	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1863195	44.701	ug/l	100
20) Methylene Chloride	2.83	84	560129	43.476	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	541521	45.402	ug/l	99
22) Diisopropyl ether	3.83	45	2046683	45.996	ug/l	90
23) Vinyl Acetate	3.78	43	9014508	223.752	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1046267	44.658	ug/l	99
25) 2-Butanone	4.63	43	2597861	234.195	ug/l	97
26) 2,2-Dichloropropane	4.55	77	973939	50.646	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	624585	45.263	ug/l	97
28) Bromochloromethane	4.98	49	525427	46.973	ug/l	97
29) Tetrahydrofuran	5.09	42	1483644	208.049	ug/l	100
30) Chloroform	5.18	83	1028949	45.650	ug/l	98
31) Cyclohexane	5.54	56	966169	47.538	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	957635	46.946	ug/l	99
36) 1,1-Dichloropropene	5.77	75	794362	50.302	ug/l	99
37) Ethyl Acetate	4.79	43	913242	44.414	ug/l	100
38) Carbon Tetrachloride	5.76	117	839072	49.056	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	963728	52.929	ug/l	97
40) Benzene	6.11	78	2247371	48.583	ug/l	98
41) Methacrylonitrile	5.00	41	525177	46.010	ug/l	99
42) 1,2-Dichloroethane	6.16	62	901963	48.542	ug/l	100
43) Isopropyl Acetate	6.41	43	1581268	45.555	ug/l	100
44) Trichloroethene	7.19	130	626069	49.625	ug/l	100
45) 1,2-Dichloropropane	7.49	63	596177	47.112	ug/l	99
46) Dibromomethane	7.64	93	400688	48.269	ug/l	97
47) Bromodichloromethane	7.87	83	859692	48.603	ug/l	99
48) Methyl methacrylate	7.75	41	791699	45.663	ug/l	99
49) 1,4-Dioxane	7.72	88	302521	935.335	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4567200	232.174	ug/l	100
52) Toluene	8.76	92	1445185	50.673	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	979611	47.222	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1033221	48.894	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	576756	49.360	ug/l	98
56) Ethyl methacrylate	9.16	69	970454	47.126	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1004086	47.695	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2444751	244.075	ug/l	99
59) 2-Hexanone	9.47	43	3765463	253.540	ug/l	100
60) Dibromochloromethane	9.57	129	695103	49.506	ug/l	99
61) 1,2-Dibromoethane	9.65	107	614560	48.371	ug/l	100
64) Tetrachloroethene	9.32	164	620350	52.613	ug/l	95
65) Chlorobenzene	10.12	112	1574938	50.547	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	625048	50.213	ug/l	99
67) Ethyl Benzene	10.23	91	2828809	51.189	ug/l	98
68) m/p-Xylenes	10.34	106	2124783	103.257	ug/l	99
69) o-Xylene	10.68	106	1033349	50.819	ug/l	100
70) Styrene	10.70	104	1817370	50.791	ug/l	99
71) Bromoform	10.84	173	565763	49.927	ug/l #	99
73) Isopropylbenzene	11.01	105	2808135	50.924	ug/l	98
74) N-amyl acetate	10.88	43	1380319	45.006	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	866301	45.783	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	835191m	48.258	ug/l	
77) Bromobenzene	11.24	156	740415	50.338	ug/l	96
78) n-propylbenzene	11.35	91	3211356	50.930	ug/l	100
79) 2-Chlorotoluene	11.40	91	1911144	49.450	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2403383	51.033	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	329960	45.746	ug/l	98
82) 4-Chlorotoluene	11.49	91	2284621	50.425	ug/l	99
83) tert-Butylbenzene	11.76	119	2347641	51.034	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	2437807	50.797	ug/l	100
85) sec-Butylbenzene	11.93	105	2771578	52.095	ug/l	100
86) p-Isopropyltoluene	12.05	119	2642815	53.509	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1390836	52.820	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	1352768	50.436	ug/l	99
89) n-Butylbenzene	12.37	91	2377438	53.267	ug/l	99
90) Hexachloroethane	12.58	117	483157	50.260	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	1319137	51.190	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	225383	42.202	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1025859	50.328	ug/l	96
94) Hexachlorobutadiene	13.77	225	529540	54.565	ug/l	99
95) Naphthalene	13.82	128	3070159	49.378	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1072009	54.625	ug/l	97

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

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