

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041720\
 Data File : VX015754.D
 Acq On : 17 Apr 2020 21:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 10:03:16 AM

Quant Time: Apr 20 06:36:21 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	5.63	168	974956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1508823	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1403609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	755582	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	624137	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
35) Dibromofluoromethane	5.47	113	498066	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	8.70	98	1822609	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
62) 4-Bromofluorobenzene	11.12	95	735106	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	356008	41.447	ug/l	97
3) Chloromethane	1.31	50	411723	37.639	ug/l	99
4) Vinyl Chloride	1.39	62	475683	47.359	ug/l	99
5) Bromomethane	1.62	94	47429	2.572	ug/l	99
6) Chloroethane	1.71	64	307297	49.330	ug/l	98
7) Trichlorofluoromethane	1.91	101	653873	48.543	ug/l	97
8) Diethyl Ether	2.17	74	273753	48.183	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	442175	50.355	ug/l	97
10) Methyl Iodide	2.49	142	106780	9.019	ug/l	96
11) Tert butyl alcohol	3.01	59	675473	205.230	ug/l	99
12) 1,1-Dichloroethene	2.36	96	449266	48.809	ug/l	99
13) Acrolein	2.27	56	426203	227.324	ug/l	99
14) Allyl chloride	2.71	41	940371	43.723	ug/l	96
15) Acrylonitrile	3.12	53	1537060	244.881	ug/l	99
16) Acetone	2.42	43	1345771	227.803	ug/l	97
17) Carbon Disulfide	2.55	76	3454274	123.019	ug/l	99
18) Methyl Acetate	2.75	43	743528	49.312	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	1727545	48.392	ug/l	98
20) Methylene Chloride	2.84	84	520959	47.212	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	487710	47.743	ug/l	97
22) Diisopropyl ether	3.83	45	1864094	48.913	ug/l	94
23) Vinyl Acetate	3.79	43	8167105	236.688	ug/l	99
24) 1,1-Dichloroethane	3.67	63	956294	47.658	ug/l	99
25) 2-Butanone	4.64	43	2229634	234.681	ug/l	99
26) 2,2-Dichloropropane	4.56	77	700636	42.539	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	584531	49.458	ug/l	96
28) Bromochloromethane	4.98	49	424161	44.274	ug/l	95
29) Tetrahydrofuran	5.09	42	1438022	235.443	ug/l	98
30) Chloroform	5.18	83	936854	48.529	ug/l	97
31) Cyclohexane	5.55	56	812663	46.686	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	832135	47.629	ug/l	99
36) 1,1-Dichloropropene	5.77	75	694925	49.987	ug/l	99
37) Ethyl Acetate	4.80	43	865110	47.792	ug/l	99
38) Carbon Tetrachloride	5.76	117	723435	48.045	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	800270	49.926	ug/l	94
40) Benzene	6.12	78	2084901	51.197	ug/l	97
41) Methacrylonitrile	5.00	41	509815	50.735	ug/l	98
42) 1,2-Dichloroethane	6.17	62	791632	48.395	ug/l	99
43) Isopropyl Acetate	6.42	43	1482126	48.503	ug/l	99
44) Trichloroethene	7.19	130	612656	55.163	ug/l	96
45) 1,2-Dichloropropane	7.50	63	563008	50.538	ug/l	97
46) Dibromomethane	7.64	93	366691	50.179	ug/l	96
47) Bromodichloromethane	7.88	83	759461	48.773	ug/l	94
48) Methyl methacrylate	7.75	41	733874	48.082	ug/l	95
49) 1,4-Dioxane	7.72	88	262385	921.517	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	4396976	253.904	ug/l	99
52) Toluene	8.77	92	1310451	52.195	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	837414	45.855	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	900359	48.398	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	546503	53.129	ug/l	96
56) Ethyl methacrylate	9.16	69	931125	51.363	ug/l	95
57) 1,3-Dichloropropane	9.36	76	934175	50.406	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1981444	224.710	ug/l	98
59) 2-Hexanone	9.48	43	3313852	253.463	ug/l	98
60) Dibromochloromethane	9.57	129	635986	51.453	ug/l	99
61) 1,2-Dibromoethane	9.65	107	575508	51.454	ug/l	100
64) Tetrachloroethene	9.32	164	555574	52.449	ug/l	97
65) Chlorobenzene	10.12	112	1447931	51.726	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	562712	50.318	ug/l	98
67) Ethyl Benzene	10.24	91	2604207	52.455	ug/l	99
68) m/p-Xylenes	10.34	106	1939964	104.938	ug/l	97
69) o-Xylene	10.68	106	947730	51.879	ug/l	98
70) Styrene	10.70	104	1670979	51.981	ug/l	98
71) Bromoform	10.84	173	490736	48.204	ug/l #	98
73) Isopropylbenzene	11.01	105	2541839	51.343	ug/l	100
74) N-amyl acetate	10.88	43	1289758	46.841	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	863919	50.855	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	739907m	47.619	ug/l	
77) Bromobenzene	11.24	156	686458	51.983	ug/l	94
78) n-propylbenzene	11.34	91	2846322	50.279	ug/l	98
79) 2-Chlorotoluene	11.40	91	1716095	49.458	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	2153197	50.926	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	188497	29.109	ug/l	99
82) 4-Chlorotoluene	11.49	91	2028488	49.869	ug/l	99
83) tert-Butylbenzene	11.76	119	2103116	50.924	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2178976	50.573	ug/l	98
85) sec-Butylbenzene	11.93	105	2425953	50.790	ug/l	99
86) p-Isopropyltoluene	12.05	119	2270614	51.207	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1222845	51.727	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1235124	51.292	ug/l	99
89) n-Butylbenzene	12.37	91	2029333	50.644	ug/l	99
90) Hexachloroethane	12.58	117	300553	34.824	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	1210890	52.339	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	197529	41.197	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	990011	54.099	ug/l	99
94) Hexachlorobutadiene	13.77	225	390110	44.775	ug/l	98
95) Naphthalene	13.82	128	2982456	53.429	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	927081	52.618	ug/l	97

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

