

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015398.D
 Acq On : 27 Mar 2020 22:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 3/30/2020 3:00:06 PM

Quant Time: Mar 30 01:54:08 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	1055161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1683435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1538837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	795659	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	712109	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
35) Dibromofluoromethane	5.47	113	526643	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	8.70	98	1905948	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
62) 4-Bromofluorobenzene	11.12	95	783784	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	510649	54.931	ug/l	98
3) Chloromethane	1.31	50	601401	50.800	ug/l	99
4) Vinyl Chloride	1.39	62	558530	51.381	ug/l	97
5) Bromomethane	1.62	94	256216	51.351	ug/l	95
6) Chloroethane	1.70	64	336610	49.928	ug/l	98
7) Trichlorofluoromethane	1.91	101	780617	53.547	ug/l	97
8) Diethyl Ether	2.17	74	293617	47.751	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	504371	53.072	ug/l	99
10) Methyl Iodide	2.49	142	552872	43.149	ug/l	100
11) Tert butyl alcohol	3.01	59	858407	240.986	ug/l	100
12) 1,1-Dichloroethene	2.36	96	519817	52.181	ug/l	97
13) Acrolein	2.27	56	385466	189.968	ug/l	98
14) Allyl chloride	2.71	41	1198053	51.470	ug/l	98
15) Acrylonitrile	3.12	53	1705465	251.058	ug/l	99
16) Acetone	2.42	43	1578347	246.863	ug/l	98
17) Carbon Disulfide	2.55	76	1558904	51.298	ug/l	99
18) Methyl Acetate	2.75	43	818320	50.147	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1964431	50.845	ug/l	100
20) Methylene Chloride	2.83	84	594022	49.741	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	564620	51.070	ug/l	98
22) Diisopropyl ether	3.83	45	2166772	52.533	ug/l	99
23) Vinyl Acetate	3.79	43	9720133	260.284	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1111798	51.196	ug/l	99
25) 2-Butanone	4.64	43	2551800	248.175	ug/l	98
26) 2,2-Dichloropropane	4.56	77	860718	48.286	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	650256	50.837	ug/l	97
28) Bromochloromethane	4.98	49	517064	49.868	ug/l	98
29) Tetrahydrofuran	5.09	42	1656841	250.649	ug/l	99
30) Chloroform	5.18	83	1068173	51.125	ug/l	96
31) Cyclohexane	5.55	56	1007319	53.470	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	983836	52.032	ug/l	98
36) 1,1-Dichloropropene	5.77	75	816801	52.660	ug/l	99
37) Ethyl Acetate	4.80	43	1006939	49.857	ug/l	99
38) Carbon Tetrachloride	5.76	117	873569	51.998	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	945580	52.872	ug/l	98
40) Benzene	6.12	78	2371721	52.199	ug/l	98
41) Methacrylonitrile	5.01	41	580537	51.781	ug/l	99
42) 1,2-Dichloroethane	6.17	62	943583	51.701	ug/l	99
43) Isopropyl Acetate	6.42	43	1740358	51.047	ug/l	100
44) Trichloroethene	7.19	130	624530	50.400	ug/l	100
45) 1,2-Dichloropropane	7.49	63	639632	51.461	ug/l	99
46) Dibromomethane	7.64	93	418500	51.328	ug/l	99
47) Bromodichloromethane	7.88	83	883697	50.865	ug/l	95
48) Methyl methacrylate	7.75	41	868785	51.017	ug/l	99
49) 1,4-Dioxane	7.72	88	324409	1021.173	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4982340	257.864	ug/l	99
52) Toluene	8.77	92	1484000	52.977	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	1013340	49.733	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	1064007	51.263	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	589230	51.341	ug/l	98
56) Ethyl methacrylate	9.16	69	1037032	51.271	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1033357	49.975	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2521637	256.310	ug/l	98
59) 2-Hexanone	9.48	43	3752202	257.223	ug/l	100
60) Dibromochloromethane	9.57	129	710050	51.487	ug/l	99
61) 1,2-Dibromoethane	9.65	107	634801	50.869	ug/l	100
64) Tetrachloroethene	9.32	164	566845	48.810	ug/l	96
65) Chlorobenzene	10.12	112	1576844	51.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	622617	50.783	ug/l	98
67) Ethyl Benzene	10.24	91	2866531	52.665	ug/l	99
68) m/p-Xylenes	10.34	106	2117899	104.495	ug/l	100
69) o-Xylene	10.68	106	1026767	51.267	ug/l	96
70) Styrene	10.70	104	1821825	51.694	ug/l	99
71) Bromoform	10.84	173	550177	49.294	ug/l #	96
73) Isopropylbenzene	11.00	105	2726654	52.302	ug/l	98
74) N-amyl acetate	10.89	43	1484162	51.186	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	906413	50.669	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	856869m	52.369	ug/l	
77) Bromobenzene	11.24	156	722723	51.972	ug/l	99
78) n-propylbenzene	11.35	91	3169577	53.170	ug/l	100
79) 2-Chlorotoluene	11.40	91	1933944	52.929	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2342936	52.623	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	336371	49.328	ug/l	98
82) 4-Chlorotoluene	11.49	91	2264413	52.865	ug/l	100
83) tert-Butylbenzene	11.76	119	2325848	53.480	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	2394491	52.775	ug/l	100
85) sec-Butylbenzene	11.93	105	2685056	53.383	ug/l	99
86) p-Isopropyltoluene	12.05	119	2482054	53.156	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1290615	51.844	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1315782	51.890	ug/l	97
89) n-Butylbenzene	12.37	91	2263515	53.643	ug/l	99
90) Hexachloroethane	12.58	117	485211	53.388	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	1264495	51.903	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	241453	47.822	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1003889	52.094	ug/l	99
94) Hexachlorobutadiene	13.77	225	445694	48.578	ug/l	99
95) Naphthalene	13.82	128	3093201	52.622	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	955742	51.513	ug/l	97

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

