

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015373.D
 Acq On : 27 Mar 2020 11:16
 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

apatel
 3/30/2020 2:59:25 PM

Quant Time: Mar 30 01:44:22 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	1144234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1747632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1594230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	814803	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	742659	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
35) Dibromofluoromethane	5.46	113	549172	49.16	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.32%	
50) Toluene-d8	8.70	98	1967188	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
62) 4-Bromofluorobenzene	11.12	95	812037	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	513657	50.953	ug/l	100
3) Chloromethane	1.31	50	604519	47.088	ug/l	97
4) Vinyl Chloride	1.39	62	553504	46.954	ug/l	99
5) Bromomethane	1.62	94	253784	46.068	ug/l	98
6) Chloroethane	1.70	64	338481	46.297	ug/l	99
7) Trichlorofluoromethane	1.91	101	789861	49.963	ug/l	96
8) Diethyl Ether	2.17	74	313046	46.948	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	521792	50.631	ug/l	99
10) Methyl Iodide	2.49	142	728404	52.423	ug/l	99
11) Tert butyl alcohol	3.01	59	871297	225.563	ug/l	98
12) 1,1-Dichloroethene	2.35	96	507457	46.975	ug/l	95
13) Acrolein	2.27	56	508159	230.939	ug/l	99
14) Allyl chloride	2.70	41	1183873	46.902	ug/l	98
15) Acrylonitrile	3.11	53	1744775	236.851	ug/l	100
16) Acetone	2.42	43	1652246	238.305	ug/l	99
17) Carbon Disulfide	2.55	76	1541119	46.765	ug/l	99
18) Methyl Acetate	2.75	43	824436	46.589	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	2011503	48.010	ug/l	100
20) Methylene Chloride	2.83	84	591812	45.698	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	556640	46.429	ug/l	94
22) Diisopropyl ether	3.83	45	2153219	48.140	ug/l	89
23) Vinyl Acetate	3.78	43	9909044	244.687	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1092318	46.383	ug/l	99
25) 2-Butanone	4.63	43	2627069	235.606	ug/l	98
26) 2,2-Dichloropropane	4.55	77	981349	50.768	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	652924	47.072	ug/l	98
28) Bromochloromethane	4.98	49	530177	47.153	ug/l	100
29) Tetrahydrofuran	5.09	42	1685180	235.091	ug/l	100
30) Chloroform	5.17	83	1066232	47.059	ug/l	96
31) Cyclohexane	5.54	56	1008888	49.384	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	963484	46.989	ug/l	99
36) 1,1-Dichloropropene	5.77	75	803027	49.870	ug/l	100
37) Ethyl Acetate	4.79	43	1036270	49.425	ug/l	100
38) Carbon Tetrachloride	5.75	117	863588	49.516	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	993416	53.507	ug/l	97
40) Benzene	6.11	78	2341845	49.648	ug/l	99
41) Methacrylonitrile	5.00	41	593515	50.994	ug/l	99
42) 1,2-Dichloroethane	6.16	62	945597	49.908	ug/l	99
43) Isopropyl Acetate	6.41	43	1779959	50.290	ug/l	99
44) Trichloroethene	7.19	130	641283	49.851	ug/l	99
45) 1,2-Dichloropropane	7.49	63	634551	49.177	ug/l	100
46) Dibromomethane	7.64	93	425619	50.284	ug/l	99
47) Bromodichloromethane	7.87	83	909846	50.446	ug/l	98
48) Methyl methacrylate	7.75	41	893388	50.534	ug/l	99
49) 1,4-Dioxane	7.72	88	340289	1031.812	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	5046019	251.567	ug/l	100
52) Toluene	8.76	92	1459749	50.197	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	1066850	50.435	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	1107843	51.414	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	604056	50.699	ug/l	98
56) Ethyl methacrylate	9.16	69	1064815	50.711	ug/l	100
57) 1,3-Dichloropropane	9.36	76	1050665	48.945	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2648183	259.285	ug/l	100
59) 2-Hexanone	9.47	43	3845816	253.956	ug/l	100
60) Dibromochloromethane	9.56	129	732501	51.164	ug/l	99
61) 1,2-Dibromoethane	9.65	107	653159	50.417	ug/l	100
64) Tetrachloroethene	9.32	164	591634	49.175	ug/l	93
65) Chlorobenzene	10.12	112	1574385	49.519	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	640384	50.417	ug/l	98
67) Ethyl Benzene	10.24	91	2872827	50.947	ug/l	99
68) m/p-Xylenes	10.34	106	2148627	102.328	ug/l	99
69) o-Xylene	10.68	106	1045072	50.367	ug/l	98
70) Styrene	10.70	104	1824610	49.974	ug/l	99
71) Bromoform	10.84	173	572719	49.531	ug/l #	99
73) Isopropylbenzene	11.00	105	2794582	52.345	ug/l	100
74) N-amyl acetate	10.88	43	1516549	51.074	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	927560	50.633	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	901653m	53.811	ug/l	
77) Bromobenzene	11.24	156	717140	50.359	ug/l	97
78) n-propylbenzene	11.34	91	3232649	52.953	ug/l	100
79) 2-Chlorotoluene	11.40	91	1929960	51.579	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2395746	52.544	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	371049	53.135	ug/l	99
82) 4-Chlorotoluene	11.49	91	2291102	52.231	ug/l	100
83) tert-Butylbenzene	11.76	119	2340512	52.553	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2437300	52.457	ug/l	99
85) sec-Butylbenzene	11.93	105	2741331	53.222	ug/l	100
86) p-Isopropyltoluene	12.05	119	2604501	54.468	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1329883	52.166	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1357868	52.291	ug/l	98
89) n-Butylbenzene	12.37	91	2341392	54.185	ug/l	98
90) Hexachloroethane	12.58	117	493069	52.978	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	1283473	51.445	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	248184	48.000	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	984187	49.872	ug/l	98
94) Hexachlorobutadiene	13.77	225	484678	51.585	ug/l	95
95) Naphthalene	13.82	128	3153710	52.391	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1015424	53.443	ug/l	99

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

