

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041020\
 Data File : VX015639.D
 Acq On : 10 Apr 2020 21:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 4/13/2020 1:24:32 PM

Quant Time: Apr 11 03:24:51 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	1062420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1635102	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1545498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	823357	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	733046	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
35) Dibromofluoromethane	5.47	113	554499	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
50) Toluene-d8	8.70	98	2020760	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
62) 4-Bromofluorobenzene	11.12	95	838608	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	444975	47.539	ug/l	99
3) Chloromethane	1.31	50	543147	45.566	ug/l	98
4) Vinyl Chloride	1.39	62	547326	50.006	ug/l	100
5) Bromomethane	1.62	94	292484	59.509	ug/l	99
6) Chloroethane	1.71	64	349438	51.477	ug/l	99
7) Trichlorofluoromethane	1.92	101	772491	52.627	ug/l	98
8) Diethyl Ether	2.17	74	317975	51.359	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	486331	50.824	ug/l	98
10) Methyl Iodide	2.49	142	526058	40.775	ug/l	98
11) Tert butyl alcohol	3.01	59	714758	199.287	ug/l	98
12) 1,1-Dichloroethene	2.36	96	487206	48.573	ug/l	96
13) Acrolein	2.27	56	277437	135.794	ug/l	98
14) Allyl chloride	2.71	41	1051548	44.867	ug/l	98
15) Acrylonitrile	3.12	53	1601968	234.211	ug/l	99
16) Acetone	2.42	43	1481020	230.058	ug/l	99
17) Carbon Disulfide	2.55	76	1316243	43.017	ug/l	99
18) Methyl Acetate	2.75	43	792997	48.263	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1858261	47.768	ug/l	100
20) Methylene Chloride	2.83	84	562511	46.781	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	529505	47.567	ug/l	97
22) Diisopropyl ether	3.83	45	2020006	48.640	ug/l	96
23) Vinyl Acetate	3.79	43	8876687	236.074	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1038474	47.493	ug/l	99
25) 2-Butanone	4.64	43	2353754	227.350	ug/l	99
26) 2,2-Dichloropropane	4.56	77	769640	42.882	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	622580	48.341	ug/l	99
28) Bromochloromethane	4.99	49	510091	48.860	ug/l	94
29) Tetrahydrofuran	5.09	42	1522206	228.708	ug/l	99
30) Chloroform	5.18	83	1033954	49.149	ug/l	97
31) Cyclohexane	5.55	56	926954	48.868	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	937900	49.263	ug/l	100
36) 1,1-Dichloropropene	5.78	75	766794	50.897	ug/l	100
37) Ethyl Acetate	4.80	43	935924	47.711	ug/l	100
38) Carbon Tetrachloride	5.76	117	827793	50.730	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	885254	50.962	ug/l	99
40) Benzene	6.12	78	2232691	50.592	ug/l	98
41) Methacrylonitrile	5.00	41	531296	48.790	ug/l	99
42) 1,2-Dichloroethane	6.17	62	892788	50.364	ug/l	99
43) Isopropyl Acetate	6.42	43	1584090	47.836	ug/l	99
44) Trichloroethene	7.19	130	617367	51.294	ug/l	96
45) 1,2-Dichloropropane	7.49	63	600052	49.704	ug/l	98
46) Dibromomethane	7.64	93	401531	50.703	ug/l	97
47) Bromodichloromethane	7.88	83	841726	49.881	ug/l	100
48) Methyl methacrylate	7.75	41	803520	48.579	ug/l	98
49) 1,4-Dioxane	7.72	88	286773	929.386	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4655830	248.088	ug/l	99
52) Toluene	8.77	92	1439283	52.899	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	941692	47.582	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	985335	48.875	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	584117	52.400	ug/l	95
56) Ethyl methacrylate	9.16	69	979367	49.852	ug/l	99
57) 1,3-Dichloropropane	9.36	76	998979	49.740	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2419318	253.179	ug/l	99
59) 2-Hexanone	9.48	43	3530909	249.208	ug/l	99
60) Dibromochloromethane	9.57	129	685050	51.142	ug/l	99
61) 1,2-Dibromoethane	9.65	107	608427	50.196	ug/l	95
64) Tetrachloroethene	9.32	164	573002	49.128	ug/l	96
65) Chlorobenzene	10.12	112	1559411	50.594	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	617287	50.131	ug/l	99
67) Ethyl Benzene	10.24	91	2784813	50.943	ug/l	99
68) m/p-Xylenes	10.34	106	2099522	103.142	ug/l	98
69) o-Xylene	10.68	106	1010795	50.252	ug/l	99
70) Styrene	10.70	104	1806989	51.052	ug/l	98
71) Bromoform	10.84	173	547250	48.820	ug/l #	99
73) Isopropylbenzene	11.00	105	2735697	50.710	ug/l	100
74) N-amyl acetate	10.88	43	1370130	45.664	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	899390	48.585	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	827802m	48.891	ug/l	
77) Bromobenzene	11.24	156	738551	51.324	ug/l	95
78) n-propylbenzene	11.35	91	3097838	50.218	ug/l	99
79) 2-Chlorotoluene	11.40	91	1877280	49.650	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	2339867	50.786	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	301744	42.761	ug/l	98
82) 4-Chlorotoluene	11.50	91	2209061	49.838	ug/l	100
83) tert-Butylbenzene	11.76	119	2322652	51.610	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2360651	50.279	ug/l	98
85) sec-Butylbenzene	11.93	105	2707039	52.010	ug/l	99
86) p-Isopropyltoluene	12.05	119	2514773	52.045	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1298781	50.417	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	1309141	49.891	ug/l	99
89) n-Butylbenzene	12.37	91	2197573	50.328	ug/l	99
90) Hexachloroethane	12.58	117	445517	47.372	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	1294376	51.343	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	224126	42.897	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1017429	51.021	ug/l	97
94) Hexachlorobutadiene	13.77	225	459686	48.417	ug/l	98
95) Naphthalene	13.82	128	3116031	51.227	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	998113	51.987	ug/l	96

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

