

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042020\
 Data File : VX015757.D
 Acq On : 20 Apr 2020 11:05
 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

MMDadoda
 4/21/2020 12:12:29 PM

Quant Time: Apr 20 15:05:58 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	1053592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1538902	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1406342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	781608	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	650856	43.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.60%	
35) Dibromofluoromethane	5.47	113	525037	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
50) Toluene-d8	8.70	98	1905649	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
62) 4-Bromofluorobenzene	11.12	95	767110	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	418403	45.075	ug/l	99
3) Chloromethane	1.31	50	444636	37.614	ug/l	97
4) Vinyl Chloride	1.39	62	530624	48.886	ug/l	97
5) Bromomethane	1.62	94	148495	25.757	ug/l	99
6) Chloroethane	1.70	64	372037	55.265	ug/l	99
7) Trichlorofluoromethane	1.91	101	777866	53.438	ug/l	95
8) Diethyl Ether	2.17	74	322564	52.537	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	519482	54.743	ug/l	98
10) Methyl Iodide	2.49	142	354760	27.728	ug/l	96
11) Tert butyl alcohol	3.01	59	727934	204.662	ug/l	99
12) 1,1-Dichloroethene	2.35	96	505593	50.829	ug/l	98
13) Acrolein	2.27	56	548140	270.540	ug/l	100
14) Allyl chloride	2.70	41	1112660	47.873	ug/l	98
15) Acrylonitrile	3.11	53	1685650	248.511	ug/l	99
16) Acetone	2.42	43	1858329	291.087	ug/l	97
17) Carbon Disulfide	2.55	76	1498377	49.380	ug/l	99
18) Methyl Acetate	2.75	43	827880	50.809	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1941269	50.320	ug/l	99
20) Methylene Chloride	2.83	84	586913	49.219	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	555650	50.334	ug/l	99
22) Diisopropyl ether	3.82	45	2103550	51.076	ug/l	98
23) Vinyl Acetate	3.78	43	9152862	245.458	ug/l	98
24) 1,1-Dichloroethane	3.67	63	1071426	49.410	ug/l	98
25) 2-Butanone	4.63	43	2552608	248.623	ug/l	100
26) 2,2-Dichloropropane	4.55	77	977221	54.904	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	661809	51.818	ug/l	98
28) Bromochloromethane	4.98	49	458171	44.254	ug/l	94
29) Tetrahydrofuran	5.09	42	1555799	235.714	ug/l	99
30) Chloroform	5.17	83	1062405	50.925	ug/l	99
31) Cyclohexane	5.54	56	955770	50.809	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	961640	50.933	ug/l	98
36) 1,1-Dichloropropene	5.76	75	794913	56.062	ug/l	99
37) Ethyl Acetate	4.79	43	951780	51.552	ug/l	100
38) Carbon Tetrachloride	5.75	117	838606	54.605	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	955427	58.440	ug/l	97
40) Benzene	6.11	78	2351990	56.627	ug/l	97
41) Methacrylonitrile	5.00	41	550173	53.682	ug/l	97
42) 1,2-Dichloroethane	6.16	62	875008	52.447	ug/l	98
43) Isopropyl Acetate	6.41	43	1636167	52.498	ug/l	98
44) Trichloroethene	7.18	130	656741	57.977	ug/l	93
45) 1,2-Dichloropropane	7.49	63	635909	55.966	ug/l	97
46) Dibromomethane	7.64	93	409186	54.899	ug/l	95
47) Bromodichloromethane	7.87	83	880586	55.446	ug/l	98
48) Methyl methacrylate	7.75	41	819427	52.638	ug/l	95
49) 1,4-Dioxane	7.71	88	291229	1002.828	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4798624	271.681	ug/l	99
52) Toluene	8.76	92	1489059	58.150	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	1022193	54.879	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	1073611	56.583	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	606304	57.790	ug/l	99
56) Ethyl methacrylate	9.16	69	1040143	56.255	ug/l	95
57) 1,3-Dichloropropane	9.35	76	1046582	55.368	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1985167	220.732	ug/l	100
59) 2-Hexanone	9.47	43	3674116	275.525	ug/l	97
60) Dibromochloromethane	9.56	129	718990	57.032	ug/l	99
61) 1,2-Dibromoethane	9.65	107	643945	56.448	ug/l	99
64) Tetrachloroethene	9.32	164	606796	57.173	ug/l	96
65) Chlorobenzene	10.12	112	1641534	58.529	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	649827	57.995	ug/l	97
67) Ethyl Benzene	10.23	91	2916854	58.638	ug/l	99
68) m/p-Xylenes	10.34	106	2213260	119.488	ug/l	96
69) o-Xylene	10.68	106	1088571	59.473	ug/l	98
70) Styrene	10.70	104	1910583	59.320	ug/l	98
71) Bromoform	10.84	173	568144	55.699	ug/l	97
73) Isopropylbenzene	11.00	105	2905888	56.742	ug/l	100
74) N-amyl acetate	10.88	43	1445423	50.746	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	954623	54.323	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	858157m	53.391	ug/l	
77) Bromobenzene	11.24	156	770253	56.386	ug/l	95
78) n-propylbenzene	11.34	91	3321167	56.714	ug/l	99
79) 2-Chlorotoluene	11.40	91	1987222	55.365	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2490422	56.941	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	308939	46.120	ug/l	97
82) 4-Chlorotoluene	11.50	91	2330010	55.374	ug/l	99
83) tert-Butylbenzene	11.76	119	2509583	58.742	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2522089	56.587	ug/l	99
85) sec-Butylbenzene	11.93	105	2890662	58.504	ug/l	100
86) p-Isopropyltoluene	12.05	119	2746885	59.885	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	1431187	58.524	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1391576	55.865	ug/l	99
89) n-Butylbenzene	12.37	91	2434937	58.743	ug/l	98
90) Hexachloroethane	12.58	117	473979	53.090	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	1425220	59.552	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	221155	44.589	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1138150	60.123	ug/l	97
94) Hexachlorobutadiene	13.76	225	519149	57.601	ug/l	96
95) Naphthalene	13.82	128	3243990	56.179	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1121240	61.519	ug/l	99

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

