

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042020\
 Data File : VX015760.D
 Acq On : 20 Apr 2020 13:06
 Operator : JC/SP
 Sample : VX0420WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/21/2020 12:12:33 PM

Quant Time: Apr 20 15:12:49 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	1126383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1650887	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1496820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	805791	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	659682	41.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.04%	
35) Dibromofluoromethane	5.46	113	516811	48.97	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.70	98	1919154	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.12	95	782699	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	140579	14.166	ug/l	98
3) Chloromethane	1.31	50	142068	11.242	ug/l	97
4) Vinyl Chloride	1.39	62	176790	15.235	ug/l	100
5) Bromomethane	1.63	94	78634	7.889	ug/l	99
6) Chloroethane	1.71	64	113272	15.739	ug/l	100
7) Trichlorofluoromethane	1.92	101	251231	16.144	ug/l	96
8) Diethyl Ether	2.17	74	107930	16.443	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	177136	17.460	ug/l	99
10) Methyl Iodide	2.49	142	75932	5.551	ug/l	97
11) Tert butyl alcohol	3.01	59	252359	66.367	ug/l	99
12) 1,1-Dichloroethene	2.36	96	167212	15.724	ug/l	99
13) Acrolein	2.27	56	189593	87.528	ug/l	98
14) Allyl chloride	2.71	41	361822	14.562	ug/l	98
15) Acrylonitrile	3.11	53	553712	76.357	ug/l	99
16) Acetone	2.42	43	527188	77.242	ug/l	98
17) Carbon Disulfide	2.55	76	557177	17.175	ug/l	99
18) Methyl Acetate	2.75	43	281234	16.145	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	647579	15.701	ug/l	99
20) Methylene Chloride	2.84	84	196302	15.398	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	183079	15.513	ug/l	96
22) Diisopropyl ether	3.82	45	722269	16.404	ug/l	96
23) Vinyl Acetate	3.78	43	3105678	77.905	ug/l	100
24) 1,1-Dichloroethane	3.67	63	358830	15.479	ug/l	98
25) 2-Butanone	4.63	43	803889	73.239	ug/l	99
26) 2,2-Dichloropropane	4.55	77	322951	16.972	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	221856	16.248	ug/l	97
28) Bromochloromethane	4.98	49	172479	15.583	ug/l	95
29) Tetrahydrofuran	5.09	42	512608	72.645	ug/l	99
30) Chloroform	5.18	83	356257	15.973	ug/l	92
31) Cyclohexane	5.55	56	311251	15.477	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	317467	15.728	ug/l	99
36) 1,1-Dichloropropene	5.77	75	259201	17.040	ug/l	98
37) Ethyl Acetate	4.79	43	314020	15.855	ug/l	99
38) Carbon Tetrachloride	5.75	117	274546	16.664	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	310075	17.680	ug/l	97
40) Benzene	6.11	78	766284	17.198	ug/l	99
41) Methacrylonitrile	5.00	41	182681	16.615	ug/l	97
42) 1,2-Dichloroethane	6.16	62	298143	16.658	ug/l	98
43) Isopropyl Acetate	6.41	43	535054	16.003	ug/l	99
44) Trichloroethene	7.18	130	221120	18.196	ug/l	96
45) 1,2-Dichloropropane	7.49	63	204107	16.745	ug/l	99
46) Dibromomethane	7.64	93	136989	17.133	ug/l	94
47) Bromodichloromethane	7.87	83	287987	16.903	ug/l	99
48) Methyl methacrylate	7.75	41	259287	15.526	ug/l	95
49) 1,4-Dioxane	7.72	88	101084	324.465	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1578814	83.324	ug/l	100
52) Toluene	8.76	92	490835	17.868	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	322954	16.162	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	344302	16.915	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	205391	18.249	ug/l	96
56) Ethyl methacrylate	9.16	69	324681	16.369	ug/l	96
57) 1,3-Dichloropropane	9.36	76	346527	17.089	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	716881	74.304	ug/l	98
59) 2-Hexanone	9.47	43	1182734	82.678	ug/l	99
60) Dibromochloromethane	9.56	129	231807	17.140	ug/l	99
61) 1,2-Dibromoethane	9.65	107	214517	17.529	ug/l	100
64) Tetrachloroethene	9.32	164	199425	17.654	ug/l	95
65) Chlorobenzene	10.12	112	540356	18.102	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	211183	17.708	ug/l	99
67) Ethyl Benzene	10.24	91	947571	17.898	ug/l	100
68) m/p-Xylenes	10.34	106	724604	36.755	ug/l	98
69) o-Xylene	10.68	106	348796	17.904	ug/l	98
70) Styrene	10.70	104	612706	17.873	ug/l	98
71) Bromoform	10.84	173	185692	17.104	ug/l #	99
73) Isopropylbenzene	11.00	105	955111	18.090	ug/l	100
74) N-amyl acetate	10.88	43	454760	15.487	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	307906	16.996	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	275897m	16.650	ug/l	
77) Bromobenzene	11.24	156	257395	18.277	ug/l	94
78) n-propylbenzene	11.34	91	1088361	18.028	ug/l	99
79) 2-Chlorotoluene	11.40	91	652960	17.646	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	814126	18.055	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	94987	13.754	ug/l	100
82) 4-Chlorotoluene	11.50	91	764044	17.613	ug/l	99
83) tert-Butylbenzene	11.76	119	828108	18.802	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	819017	17.824	ug/l	99
85) sec-Butylbenzene	11.93	105	938588	18.426	ug/l	99
86) p-Isopropyltoluene	12.05	119	888366	18.786	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	450656	17.875	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	463987	18.068	ug/l	99
89) n-Butylbenzene	12.37	91	778389	18.215	ug/l	99
90) Hexachloroethane	12.58	117	147270	16.001	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	456696	18.510	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	69914	13.673	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	353746	18.126	ug/l	98
94) Hexachlorobutadiene	13.77	225	162606	17.500	ug/l	96
95) Naphthalene	13.82	128	1043945	17.536	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	344762	18.348	ug/l	98

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

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