

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042020\
 Data File : VX015769.D
 Acq On : 20 Apr 2020 16:35
 Operator : JC/SP
 Sample : VX0420WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/21/2020 12:16:15 PM

Quant Time: Apr 21 08:22:21 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	988932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1524977	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1433956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	758670	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	643407	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
35) Dibromofluoromethane	5.47	113	505328	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
50) Toluene-d8	8.70	98	1859884	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	11.12	95	742929	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	127029	14.580	ug/l	99
3) Chloromethane	1.31	50	116413	10.492	ug/l	99
4) Vinyl Chloride	1.39	62	164103	16.107	ug/l	94
5) Bromomethane	1.63	94	41412m	0.871	ug/l	
6) Chloroethane	1.71	64	145392	23.010	ug/l	95
7) Trichlorofluoromethane	1.92	101	238810	17.478	ug/l	99
8) Diethyl Ether	2.17	74	102410	17.770	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	161288	18.108	ug/l	96
10) Methyl Iodide	2.49	142	46029	3.833	ug/l	97
11) Tert butyl alcohol	3.01	59	240999	72.188	ug/l	98
12) 1,1-Dichloroethene	2.36	96	161747	17.324	ug/l	97
13) Acrolein	2.27	56	180954	95.151	ug/l	99
14) Allyl chloride	2.71	41	340156	15.592	ug/l	97
15) Acrylonitrile	3.12	53	554657	87.118	ug/l	99
16) Acetone	2.42	43	488718	81.558	ug/l	96
17) Carbon Disulfide	2.55	76	783451	27.507	ug/l	99
18) Methyl Acetate	2.75	43	274594	17.954	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	627819	17.338	ug/l	99
20) Methylene Chloride	2.84	84	188825	16.870	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	175519	16.939	ug/l	97
22) Diisopropyl ether	3.83	45	681799	17.637	ug/l	97
23) Vinyl Acetate	3.79	43	3009905	85.996	ug/l	100
24) 1,1-Dichloroethane	3.67	63	342686	16.837	ug/l	100
25) 2-Butanone	4.64	43	812172	84.278	ug/l	99
26) 2,2-Dichloropropane	4.56	77	278580	16.675	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	212950	17.764	ug/l	97
28) Bromochloromethane	4.99	49	172162	17.716	ug/l	92
29) Tetrahydrofuran	5.09	42	518889	83.755	ug/l	98
30) Chloroform	5.18	83	340993	17.414	ug/l	96
31) Cyclohexane	5.55	56	293107	16.600	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	298617	16.850	ug/l	98
36) 1,1-Dichloropropene	5.77	75	249147	17.732	ug/l	98
37) Ethyl Acetate	4.80	43	315545	17.247	ug/l	100
38) Carbon Tetrachloride	5.76	117	258746	17.002	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	286019	17.655	ug/l	97
40) Benzene	6.12	78	746365	18.134	ug/l	98
41) Methacrylonitrile	5.01	41	183391	18.057	ug/l	99
42) 1,2-Dichloroethane	6.17	62	285086	17.244	ug/l	97
43) Isopropyl Acetate	6.42	43	535379	17.335	ug/l	100
44) Trichloroethene	7.19	130	206524	18.398	ug/l	98
45) 1,2-Dichloropropane	7.50	63	205252	18.229	ug/l	98
46) Dibromomethane	7.64	93	135284	18.316	ug/l	96
47) Bromodichloromethane	7.88	83	270931	17.215	ug/l	98
48) Methyl methacrylate	7.75	41	263104	17.055	ug/l	95
49) 1,4-Dioxane	7.72	88	87792	305.066	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1596549	91.216	ug/l	99
52) Toluene	8.77	92	477126	18.803	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	299468	16.224	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	333039	17.713	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	198341	19.078	ug/l	97
56) Ethyl methacrylate	9.16	69	324226	17.695	ug/l	95
57) 1,3-Dichloropropane	9.36	76	337191	18.001	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	702317	78.804	ug/l	100
59) 2-Hexanone	9.47	43	1200922	90.881	ug/l	99
60) Dibromochloromethane	9.57	129	218255	17.470	ug/l	99
61) 1,2-Dibromoethane	9.65	107	208022	18.402	ug/l	99
64) Tetrachloroethene	9.32	164	190665	17.619	ug/l	98
65) Chlorobenzene	10.12	112	524386	18.337	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	203200	17.786	ug/l	100
67) Ethyl Benzene	10.24	91	918524	18.110	ug/l	100
68) m/p-Xylenes	10.34	106	694187	36.756	ug/l	99
69) o-Xylene	10.68	106	341747	18.311	ug/l	99
70) Styrene	10.70	104	596910	18.176	ug/l	98
71) Bromoform	10.84	173	169157	16.264	ug/l #	98
73) Isopropylbenzene	11.00	105	909892	18.304	ug/l	99
74) N-amyl acetate	10.88	43	467038	16.893	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	308263	18.072	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	270485m	17.337	ug/l	
77) Bromobenzene	11.24	156	249615	18.825	ug/l	94
78) n-propylbenzene	11.34	91	1040467	18.305	ug/l	100
79) 2-Chlorotoluene	11.40	91	621913	17.851	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	785406	18.500	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	78791	12.118	ug/l	97
82) 4-Chlorotoluene	11.49	91	733400	17.957	ug/l	99
83) tert-Butylbenzene	11.76	119	774428	18.675	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	810541	18.736	ug/l	100
85) sec-Butylbenzene	11.93	105	885846	18.471	ug/l	100
86) p-Isopropyltoluene	12.05	119	862421	19.370	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	445239	18.757	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	454059	18.780	ug/l	100
89) n-Butylbenzene	12.37	91	747949	18.590	ug/l	99
90) Hexachloroethane	12.58	117	129977	14.999	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	434274	18.695	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	73802	15.330	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	347837	18.930	ug/l	97
94) Hexachlorobutadiene	13.77	225	150199	17.169	ug/l	95
95) Naphthalene	13.82	128	1050153	18.736	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	336008	18.993	ug/l	97

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

