

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX033020\
 Data File : VX015425.D
 Acq On : 30 Mar 2020 14:00
 Operator : JC/SP
 Sample : VX0330WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBS01

Manual Integrations
 APPROVED

apatel
 3/31/2020 11:05:26 AM

Quant Time: Mar 31 08:13:33 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	1159548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1768957	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1614457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	832664	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	756931	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
35) Dibromofluoromethane	5.47	113	564274	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	8.70	98	2056044	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	11.12	95	832352	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	208622	20.421	ug/l	100
3) Chloromethane	1.31	50	240140	18.458	ug/l	99
4) Vinyl Chloride	1.39	62	221367	18.531	ug/l	99
5) Bromomethane	1.63	94	142472	21.217	ug/l	97
6) Chloroethane	1.71	64	139393	18.814	ug/l	100
7) Trichlorofluoromethane	1.92	101	321901	20.093	ug/l	100
8) Diethyl Ether	2.17	74	123677	18.303	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	209016	20.013	ug/l	97
10) Methyl Iodide	2.49	142	237552	16.871	ug/l	99
11) Tert butyl alcohol	3.00	59	288482	73.696	ug/l	100
12) 1,1-Dichloroethene	2.36	96	208015	19.001	ug/l	95
13) Acrolein	2.27	56	170182	76.320	ug/l	97
14) Allyl chloride	2.71	41	478602	18.710	ug/l	99
15) Acrylonitrile	3.11	53	641901	85.986	ug/l	99
16) Acetone	2.42	43	574429	81.756	ug/l	98
17) Carbon Disulfide	2.55	76	644187	19.290	ug/l	99
18) Methyl Acetate	2.75	43	300936	16.781	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	782618	18.433	ug/l	100
20) Methylene Chloride	2.83	84	238300	18.158	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	228668	18.821	ug/l	100
22) Diisopropyl ether	3.83	45	858641	18.943	ug/l	92
23) Vinyl Acetate	3.78	43	3868266	94.259	ug/l	98
24) 1,1-Dichloroethane	3.67	63	441446	18.498	ug/l	99
25) 2-Butanone	4.63	43	928617	82.182	ug/l	98
26) 2,2-Dichloropropane	4.55	77	396611	20.247	ug/l	96
27) cis-1,2-Dichloroethene	4.56	96	257096	18.290	ug/l	95
28) Bromochloromethane	4.98	49	213698	18.755	ug/l	99
29) Tetrahydrofuran	5.09	42	604169	83.171	ug/l	99
30) Chloroform	5.18	83	436049	18.991	ug/l	100
31) Cyclohexane	5.55	56	412839	19.941	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	395351	19.026	ug/l	99
36) 1,1-Dichloropropene	5.77	75	332595	20.406	ug/l	99
37) Ethyl Acetate	4.79	43	378803	17.849	ug/l	99
38) Carbon Tetrachloride	5.76	117	350601	19.860	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	391700	20.843	ug/l	98
40) Benzene	6.11	78	940466	19.698	ug/l	100
41) Methacrylonitrile	5.00	41	216503	18.377	ug/l	99
42) 1,2-Dichloroethane	6.16	62	377201	19.669	ug/l	100
43) Isopropyl Acetate	6.41	43	656677	18.330	ug/l	99
44) Trichloroethene	7.18	130	256221	19.677	ug/l	98
45) 1,2-Dichloropropane	7.49	63	253264	19.391	ug/l	98
46) Dibromomethane	7.64	93	166417	19.424	ug/l	98
47) Bromodichloromethane	7.87	83	352717	19.321	ug/l	96
48) Methyl methacrylate	7.75	41	330949	18.494	ug/l	99
49) 1,4-Dioxane	7.72	88	109831	329.011	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1865050	91.860	ug/l	99
52) Toluene	8.76	92	586035	19.909	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	403754	18.857	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	429538	19.694	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	233304	19.346	ug/l	99
56) Ethyl methacrylate	9.16	69	395864	18.625	ug/l	99
57) 1,3-Dichloropropane	9.36	76	411856	18.955	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	998303	96.566	ug/l	98
59) 2-Hexanone	9.47	43	1382709	90.206	ug/l	100
60) Dibromochloromethane	9.56	129	281195	19.404	ug/l	99
61) 1,2-Dibromoethane	9.65	107	250024	19.067	ug/l	99
64) Tetrachloroethene	9.32	164	242720	19.921	ug/l	95
65) Chlorobenzene	10.12	112	622320	19.328	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	247288	19.225	ug/l	99
67) Ethyl Benzene	10.23	91	1125709	19.713	ug/l	100
68) m/p-Xylenes	10.34	106	842158	39.605	ug/l	96
69) o-Xylene	10.68	106	414743	19.738	ug/l	97
70) Styrene	10.70	104	710701	19.221	ug/l	99
71) Bromoform	10.84	173	213763	18.255	ug/l #	99
73) Isopropylbenzene	11.00	105	1120161	20.532	ug/l	100
74) N-amyl acetate	10.88	43	573610	18.904	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	345636	18.463	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	332467m	19.416	ug/l	
77) Bromobenzene	11.24	156	280187	19.253	ug/l	97
78) n-propylbenzene	11.34	91	1261869	20.227	ug/l	100
79) 2-Chlorotoluene	11.40	91	768808	20.106	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	939725	20.168	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	130513	18.289	ug/l	98
82) 4-Chlorotoluene	11.49	91	913069	20.369	ug/l	99
83) tert-Butylbenzene	11.76	119	926321	20.353	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	953395	20.079	ug/l	100
85) sec-Butylbenzene	11.93	105	1083936	20.593	ug/l	100
86) p-Isopropyltoluene	12.05	119	1007877	20.626	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	509045	19.540	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	510421	19.235	ug/l	98
89) n-Butylbenzene	12.37	91	903638	20.464	ug/l	98
90) Hexachloroethane	12.58	117	188253	19.793	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	487844	19.135	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	82730	15.657	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	373650	18.528	ug/l	99
94) Hexachlorobutadiene	13.77	225	175907	18.321	ug/l	96
95) Naphthalene	13.82	128	1140374	18.538	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	374274	19.276	ug/l	94

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

