

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031720\
 Data File : VX015311.D
 Acq On : 17 Mar 2020 09:48
 Operator : JC/SP
 Sample : VX0317WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/18/2020 4:16:48 PM

Quant Time: Mar 18 01:57:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	310140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	455553	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	418512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	222168	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	172163	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
35) Dibromofluoromethane	5.48	113	148452	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
50) Toluene-d8	8.71	98	570424	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	11.13	95	203694	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	48417	17.828	ug/l	98
3) Chloromethane	1.32	50	67920	17.655	ug/l	99
4) Vinyl Chloride	1.40	62	68886	17.659	ug/l	100
5) Bromomethane	1.64	94	43675	18.212	ug/l	97
6) Chloroethane	1.72	64	43020	18.385	ug/l	100
7) Trichlorofluoromethane	1.93	101	86910	18.724	ug/l	99
8) Diethyl Ether	2.18	74	40631	19.327	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	59136	20.250	ug/l	99
10) Methyl Iodide	2.50	142	55120	16.707	ug/l	98
11) Tert butyl alcohol	3.03	59	61962	97.062	ug/l	100
12) 1,1-Dichloroethene	2.37	96	56093	18.612	ug/l	99
13) Acrolein	2.28	56	48008	80.024	ug/l	96
14) Allyl chloride	2.72	41	105924	20.156	ug/l	93
15) Acrylonitrile	3.13	53	163325	102.732	ug/l	100
16) Acetone	2.44	43	163609	109.798	ug/l	98
17) Carbon Disulfide	2.56	76	142557	17.032	ug/l	98
18) Methyl Acetate	2.76	43	75016	20.589	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	186868	19.842	ug/l	96
20) Methylene Chloride	2.85	84	66712	19.130	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	60672	18.853	ug/l	99
22) Diisopropyl ether	3.84	45	220822	21.091	ug/l	93
23) Vinyl Acetate	3.80	43	884653	102.790	ug/l	100
24) 1,1-Dichloroethane	3.69	63	114170	19.648	ug/l	98
25) 2-Butanone	4.65	43	230411	105.621	ug/l	98
26) 2,2-Dichloropropane	4.57	77	86560	18.764	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	68931	19.093	ug/l	97
28) Bromochloromethane	5.00	49	54582	20.628	ug/l	97
29) Tetrahydrofuran	5.11	42	142000	100.980	ug/l	98
30) Chloroform	5.20	83	112725	19.903	ug/l	99
31) Cyclohexane	5.57	56	100905	19.468	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	93057	19.821	ug/l	97
36) 1,1-Dichloropropene	5.79	75	82386	19.563	ug/l	98
37) Ethyl Acetate	4.82	43	88227	22.585	ug/l	98
38) Carbon Tetrachloride	5.77	117	77747	19.558	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	99954	20.326	ug/l	94
40) Benzene	6.13	78	262106	20.977	ug/l	98
41) Methacrylonitrile	5.02	41	49647	21.158	ug/l	98
42) 1,2-Dichloroethane	6.18	62	85767	19.988	ug/l	96
43) Isopropyl Acetate	6.43	43	140128	20.390	ug/l	98
44) Trichloroethene	7.20	130	69906	20.090	ug/l	92
45) 1,2-Dichloropropane	7.50	63	70157	21.693	ug/l	98
46) Dibromomethane	7.65	93	43748	20.760	ug/l	97
47) Bromodichloromethane	7.89	83	84733	20.333	ug/l	98
48) Methyl methacrylate	7.76	41	70006	20.014	ug/l	98
49) 1,4-Dioxane	7.74	88	30487	403.131	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	443924	109.252	ug/l	100
52) Toluene	8.78	92	161763	21.174	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	90886	20.491	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	106876	21.314	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	67293	21.401	ug/l	98
56) Ethyl methacrylate	9.17	69	98003	21.851	ug/l	96
57) 1,3-Dichloropropane	9.37	76	112758	21.315	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	251313	102.854	ug/l	99
59) 2-Hexanone	9.48	43	333577	110.762	ug/l	99
60) Dibromochloromethane	9.57	129	68756	20.815	ug/l	99
61) 1,2-Dibromoethane	9.67	107	67022	20.293	ug/l	99
64) Tetrachloroethene	9.33	164	72456	20.939	ug/l	98
65) Chlorobenzene	10.13	112	173225	20.616	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	64934	20.495	ug/l	99
67) Ethyl Benzene	10.25	91	302449	21.198	ug/l	99
68) m/p-Xylenes	10.35	106	227356	41.883	ug/l	99
69) o-Xylene	10.70	106	109806	21.127	ug/l	98
70) Styrene	10.71	104	189534	21.269	ug/l	98
71) Bromoform	10.85	173	49956	20.333	ug/l	99
73) Isopropylbenzene	11.01	105	298614	21.041	ug/l	99
74) N-amyl acetate	10.89	43	121014	20.233	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	94935	20.072	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	80595m	18.186	ug/l	
77) Bromobenzene	11.25	156	77930	19.703	ug/l	98
78) n-propylbenzene	11.35	91	344689	21.259	ug/l	99
79) 2-Chlorotoluene	11.42	91	200169	20.672	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	250029	21.163	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28789	18.437	ug/l	95
82) 4-Chlorotoluene	11.51	91	233883	20.445	ug/l	100
83) tert-Butylbenzene	11.76	119	238399	20.869	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	251609	21.199	ug/l	100
85) sec-Butylbenzene	11.94	105	293756	21.301	ug/l	99
86) p-Isopropyltoluene	12.06	119	266447	20.971	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	139069	20.001	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	140270	19.540	ug/l	99
89) n-Butylbenzene	12.38	91	234069	20.714	ug/l	100
90) Hexachloroethane	12.59	117	45920	19.117	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	140654	20.347	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18653	19.695	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	96782	20.170	ug/l	99
94) Hexachlorobutadiene	13.77	225	49161	19.965	ug/l	96
95) Naphthalene	13.83	128	263869	18.854	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	97259	20.315	ug/l	98

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

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