

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031020\
 Data File : VX015159.D
 Acq On : 10 Mar 2020 10:47
 Operator : JC/SP
 Sample : VX0310WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0310WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 3:21:22 PM

Quant Time: Mar 11 07:45:25 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	324746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	485934	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	448356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	237414	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	203748	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
35) Dibromofluoromethane	5.48	113	165585	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
50) Toluene-d8	8.71	98	624163	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
62) 4-Bromofluorobenzene	11.13	95	224827	54.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	55247	19.428	ug/l	98
3) Chloromethane	1.32	50	73774	18.314	ug/l	98
4) Vinyl Chloride	1.40	62	78286	19.166	ug/l	99
5) Bromomethane	1.64	94	47845	19.053	ug/l	99
6) Chloroethane	1.72	64	46695	19.058	ug/l	98
7) Trichlorofluoromethane	1.92	101	93559	19.250	ug/l	99
8) Diethyl Ether	2.18	74	41392	18.803	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	57750	18.886	ug/l	98
10) Methyl Iodide	2.50	142	57558	16.661	ug/l	97
11) Tert butyl alcohol	3.03	59	70192	105.009	ug/l	99
12) 1,1-Dichloroethene	2.37	96	56049	17.761	ug/l	98
13) Acrolein	2.28	56	58819	93.635	ug/l	99
14) Allyl chloride	2.72	41	106569	19.367	ug/l	96
15) Acrylonitrile	3.13	53	171639	103.106	ug/l	99
16) Acetone	2.44	43	145987	93.565	ug/l	92
17) Carbon Disulfide	2.56	76	155696	17.765	ug/l	98
18) Methyl Acetate	2.76	43	79883	20.938	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	202880	20.573	ug/l	97
20) Methylene Chloride	2.84	84	70718	19.367	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	65009	19.292	ug/l	99
22) Diisopropyl ether	3.84	45	228781	20.868	ug/l	96
23) Vinyl Acetate	3.80	43	934072	103.651	ug/l	99
24) 1,1-Dichloroethane	3.69	63	119105	19.575	ug/l	98
25) 2-Butanone	4.66	43	231822	101.488	ug/l	98
26) 2,2-Dichloropropane	4.57	77	94896	19.646	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	73576	19.463	ug/l	98
28) Bromochloromethane	5.00	49	56465	20.380	ug/l	98
29) Tetrahydrofuran	5.12	42	146045	99.186	ug/l	99
30) Chloroform	5.20	83	118969	20.061	ug/l	99
31) Cyclohexane	5.57	56	106395	19.604	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	98897	20.117	ug/l	98
36) 1,1-Dichloropropene	5.79	75	87598	19.500	ug/l	99
37) Ethyl Acetate	4.82	43	91346	21.921	ug/l #	97
38) Carbon Tetrachloride	5.77	117	84419	19.909	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	105790	20.168	ug/l	98
40) Benzene	6.13	78	268624	20.155	ug/l	98
41) Methacrylonitrile	5.03	41	51696	20.654	ug/l	97
42) 1,2-Dichloroethane	6.19	62	97116	21.218	ug/l	97
43) Isopropyl Acetate	6.43	43	150398	20.516	ug/l	99
44) Trichloroethene	7.20	130	74130	19.972	ug/l	98
45) 1,2-Dichloropropane	7.50	63	72898	21.131	ug/l	97
46) Dibromomethane	7.65	93	45650	20.308	ug/l	98
47) Bromodichloromethane	7.89	83	92268	20.757	ug/l	100
48) Methyl methacrylate	7.76	41	74476	19.961	ug/l	98
49) 1,4-Dioxane	7.74	88	33462	414.806	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	468614	108.118	ug/l	99
52) Toluene	8.78	92	169566	20.808	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	99359	21.000	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	110502	20.659	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	69447	20.705	ug/l	100
56) Ethyl methacrylate	9.17	69	102025	21.325	ug/l	99
57) 1,3-Dichloropropane	9.37	76	119937	21.254	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	254668	97.710	ug/l	100
59) 2-Hexanone	9.48	43	346599	107.890	ug/l	99
60) Dibromochloromethane	9.57	129	72486	20.573	ug/l	99
61) 1,2-Dibromoethane	9.67	107	71214	20.214	ug/l	97
64) Tetrachloroethene	9.33	164	75226	20.293	ug/l	97
65) Chlorobenzene	10.13	112	182394	20.263	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	67899	20.004	ug/l	99
67) Ethyl Benzene	10.25	91	315780	20.659	ug/l	99
68) m/p-Xylenes	10.36	106	242460	41.692	ug/l	99
69) o-Xylene	10.70	106	114347	20.537	ug/l	99
70) Styrene	10.71	104	197723	20.711	ug/l	100
71) Bromoform	10.85	173	51323	19.499	ug/l	99
73) Isopropylbenzene	11.01	105	312724	20.620	ug/l	100
74) N-amyl acetate	10.89	43	128994	20.182	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	102357	20.251	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	84449m	17.832	ug/l	
77) Bromobenzene	11.25	156	84100	19.898	ug/l	99
78) n-propylbenzene	11.35	91	358149	20.670	ug/l	100
79) 2-Chlorotoluene	11.42	91	212078	20.496	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	263735	20.890	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	30420	18.230	ug/l	93
82) 4-Chlorotoluene	11.51	91	247977	20.285	ug/l	100
83) tert-Butylbenzene	11.76	119	246681	20.207	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	265473	20.931	ug/l	99
85) sec-Butylbenzene	11.94	105	307876	20.892	ug/l	99
86) p-Isopropyltoluene	12.06	119	286424	21.096	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	146839	19.762	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	151437	19.741	ug/l	98
89) n-Butylbenzene	12.39	91	248130	20.548	ug/l	100
90) Hexachloroethane	12.59	117	49650	19.343	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	146779	19.869	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	20792	20.543	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	101318	19.759	ug/l	98
94) Hexachlorobutadiene	13.78	225	51370	19.523	ug/l	97
95) Naphthalene	13.83	128	287301	19.183	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	103653	20.260	ug/l	99

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

