

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030220\
 Data File : VX015064.D
 Acq On : 02 Mar 2020 11:24
 Operator : JC/SP
 Sample : VX0302WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/3/2020 9:51:28 AM

Quant Time: Mar 02 16:34:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	376735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	554480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	518283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	272576	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	213718	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
35) Dibromofluoromethane	5.48	113	182923	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
50) Toluene-d8	8.71	98	675669	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	11.13	95	248645	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	62021	17.384	ug/l	100
3) Chloromethane	1.32	50	77835	19.243	ug/l	100
4) Vinyl Chloride	1.40	62	76460	17.547	ug/l	94
5) Bromomethane	1.64	94	51220	18.160	ug/l	98
6) Chloroethane	1.72	64	49549	17.772	ug/l	98
7) Trichlorofluoromethane	1.93	101	98941	16.252	ug/l	100
8) Diethyl Ether	2.18	74	47918	18.981	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	68112	19.274	ug/l	98
10) Methyl Iodide	2.50	142	69882	20.557	ug/l	99
11) Tert butyl alcohol	3.01	59	80688	107.483	ug/l	98
12) 1,1-Dichloroethene	2.37	96	64469	18.670	ug/l	96
13) Acrolein	2.28	56	42526	74.325	ug/l	100
14) Allyl chloride	2.72	41	118434	19.345	ug/l	96
15) Acrylonitrile	3.12	53	210969	110.856	ug/l	99
16) Acetone	2.43	43	198793	79.591	ug/l	97
17) Carbon Disulfide	2.56	76	154866	16.051	ug/l	99
18) Methyl Acetate	2.76	43	103809	24.242	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	232500	20.688	ug/l	100
20) Methylene Chloride	2.85	84	77029	18.833	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	70033	18.380	ug/l	98
22) Diisopropyl ether	3.84	45	254701	21.782	ug/l	98
23) Vinyl Acetate	3.80	43	1049484	108.876	ug/l	99
24) 1,1-Dichloroethane	3.69	63	131944	19.993	ug/l	98
25) 2-Butanone	4.65	43	294636	101.789	ug/l	99
26) 2,2-Dichloropropane	4.57	77	105498	18.550	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	83402	19.581	ug/l	99
28) Bromochloromethane	5.01	49	62289	24.351	ug/l	93
29) Tetrahydrofuran	5.11	42	182235	110.749	ug/l	98
30) Chloroform	5.20	83	129838	19.830	ug/l	97
31) Cyclohexane	5.57	56	114848	19.107	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	108054	18.866	ug/l	99
36) 1,1-Dichloropropene	5.79	75	95099	19.173	ug/l	99
37) Ethyl Acetate	4.81	43	111784	21.608	ug/l	99
38) Carbon Tetrachloride	5.77	117	92179	19.070	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	111958	18.048	ug/l	95
40) Benzene	6.13	78	293147	19.781	ug/l	99
41) Methacrylonitrile	5.02	41	60819	21.823	ug/l	99
42) 1,2-Dichloroethane	6.18	62	105759	19.745	ug/l	100
43) Isopropyl Acetate	6.43	43	180169	21.112	ug/l	99
44) Trichloroethene	7.20	130	79547	18.490	ug/l	96
45) 1,2-Dichloropropane	7.50	63	81640	21.601	ug/l	98
46) Dibromomethane	7.65	93	51827	20.061	ug/l	96
47) Bromodichloromethane	7.89	83	100586	19.636	ug/l	100
48) Methyl methacrylate	7.76	41	88540	21.082	ug/l	98
49) 1,4-Dioxane	7.73	88	33804	430.498	ug/l	92
51) 4-Methyl-2-Pentanone	8.63	43	572333	111.069	ug/l	100
52) Toluene	8.78	92	183168	19.460	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	109829	19.564	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	121528	19.596	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	79374	20.843	ug/l	97
56) Ethyl methacrylate	9.17	69	117182	20.472	ug/l	100
57) 1,3-Dichloropropane	9.36	76	133712	20.859	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	325182	108.629	ug/l	98
59) 2-Hexanone	9.48	43	433033	106.915	ug/l	100
60) Dibromochloromethane	9.57	129	80381	19.614	ug/l	95
61) 1,2-Dibromoethane	9.67	107	81005	19.715	ug/l	100
64) Tetrachloroethene	9.33	164	80907	16.697	ug/l	98
65) Chlorobenzene	10.13	112	202943	19.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	76456	20.034	ug/l	99
67) Ethyl Benzene	10.25	91	349879	19.570	ug/l	99
68) m/p-Xylenes	10.36	106	268243	38.948	ug/l	99
69) o-Xylene	10.69	106	128096	19.349	ug/l	100
70) Styrene	10.71	104	222868	19.899	ug/l	99
71) Bromoform	10.85	173	62104	19.496	ug/l #	98
73) Isopropylbenzene	11.01	105	344275	20.141	ug/l	100
74) N-amyl acetate	10.89	43	149505	21.050	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	121871	21.811	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	101961m	20.686	ug/l	
77) Bromobenzene	11.25	156	92554	19.399	ug/l	99
78) n-propylbenzene	11.35	91	399586	20.211	ug/l	99
79) 2-Chlorotoluene	11.42	91	228414	19.652	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	280125	19.613	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	36487	18.948	ug/l	95
82) 4-Chlorotoluene	11.51	91	264275	19.200	ug/l	99
83) tert-Butylbenzene	11.76	119	271862	20.101	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	284720	19.781	ug/l	99
85) sec-Butylbenzene	11.94	105	340234	20.250	ug/l	100
86) p-Isopropyltoluene	12.06	119	310601	19.755	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	164722	19.245	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	164941	18.871	ug/l	99
89) n-Butylbenzene	12.39	91	248150	17.622	ug/l	99
90) Hexachloroethane	12.59	117	49522	18.036	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	149744	17.840	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	23579	17.987	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	112088	18.092	ug/l	99
94) Hexachlorobutadiene	13.78	225	58212	19.426	ug/l	95
95) Naphthalene	13.83	128	337037	20.461	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	114901	19.196	ug/l	98

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

