

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030220\
 Data File : VX015063.D
 Acq On : 02 Mar 2020 10:49
 Operator : JC/SP
 Sample : VX0302WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/3/2020 9:51:22 AM

Quant Time: Mar 02 16:32:07 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	369339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	542103	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	564141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	295359	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	195227	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
35) Dibromofluoromethane	5.48	113	169780	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	8.71	98	674734	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
62) 4-Bromofluorobenzene	11.13	95	269014	58.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	67389	19.267	ug/l	98
3) Chloromethane	1.32	50	87287	22.012	ug/l	98
4) Vinyl Chloride	1.41	62	78671	18.416	ug/l	97
5) Bromomethane	1.64	94	50972	18.434	ug/l	99
6) Chloroethane	1.72	64	50057	18.313	ug/l	99
7) Trichlorofluoromethane	1.93	101	102929	17.246	ug/l	96
8) Diethyl Ether	2.18	74	45089	18.218	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	66108	19.082	ug/l	96
10) Methyl Iodide	2.51	142	63461	19.364	ug/l	100
11) Tert butyl alcohol	3.03	59	73332	99.640	ug/l	100
12) 1,1-Dichloroethene	2.37	96	60213	17.786	ug/l	95
13) Acrolein	2.28	56	37543	66.930	ug/l	95
14) Allyl chloride	2.72	41	115197	19.193	ug/l	92
15) Acrylonitrile	3.13	53	196705	105.430	ug/l	99
16) Acetone	2.43	43	196243	80.223	ug/l	94
17) Carbon Disulfide	2.56	76	149503	15.806	ug/l	97
18) Methyl Acetate	2.76	43	95691	22.794	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	211006	19.152	ug/l	100
20) Methylene Chloride	2.85	84	71487	17.828	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	67448	18.056	ug/l	96
22) Diisopropyl ether	3.84	45	245444	21.411	ug/l	91
23) Vinyl Acetate	3.80	43	987793	104.528	ug/l	98
24) 1,1-Dichloroethane	3.69	63	125664	19.423	ug/l	97
25) 2-Butanone	4.65	43	282163	99.432	ug/l	99
26) 2,2-Dichloropropane	4.58	77	100030	17.941	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	78611	18.826	ug/l	100
28) Bromochloromethane	5.00	49	59408	23.690	ug/l	94
29) Tetrahydrofuran	5.11	42	176949	109.690	ug/l	96
30) Chloroform	5.20	83	126109	19.646	ug/l	97
31) Cyclohexane	5.58	56	111536	18.928	ug/l	92
32) 1,1,1-Trichloroethane	5.48	97	103055	18.353	ug/l	99
36) 1,1-Dichloropropene	5.79	75	88810	18.314	ug/l	98
37) Ethyl Acetate	4.82	43	106938	21.143	ug/l	100
38) Carbon Tetrachloride	5.78	117	85433	18.078	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	111037	18.309	ug/l	98
40) Benzene	6.13	78	285347	19.694	ug/l	100
41) Methacrylonitrile	5.03	41	58471	21.460	ug/l	98
42) 1,2-Dichloroethane	6.18	62	95775	18.289	ug/l	97
43) Isopropyl Acetate	6.43	43	168623	20.211	ug/l	99
44) Trichloroethene	7.20	130	78160	18.583	ug/l	98
45) 1,2-Dichloropropane	7.51	63	75632	20.468	ug/l	98
46) Dibromomethane	7.65	93	48698	19.280	ug/l	98
47) Bromodichloromethane	7.89	83	96020	19.173	ug/l	97
48) Methyl methacrylate	7.76	41	83943	20.444	ug/l	96
49) 1,4-Dioxane	7.73	88	33060	430.636	ug/l	94
51) 4-Methyl-2-Pentanone	8.63	43	550764	109.324	ug/l	100
52) Toluene	8.78	92	189092	20.548	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	108236	19.720	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	120428	19.862	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	78903	21.193	ug/l	98
56) Ethyl methacrylate	9.17	69	118762	21.222	ug/l	97
57) 1,3-Dichloropropane	9.36	76	131426	20.970	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	311797	106.536	ug/l	98
59) 2-Hexanone	9.48	43	429307	108.415	ug/l	99
60) Dibromochloromethane	9.57	129	82664	20.632	ug/l	98
61) 1,2-Dibromoethane	9.67	107	82520	20.542	ug/l	99
64) Tetrachloroethene	9.33	164	82768	15.692	ug/l	97
65) Chlorobenzene	10.14	112	220383	19.260	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	82152	19.776	ug/l	100
67) Ethyl Benzene	10.25	91	383361	19.700	ug/l	98
68) m/p-Xylenes	10.35	106	293845	39.197	ug/l	98
69) o-Xylene	10.70	106	139354	19.338	ug/l	99
70) Styrene	10.71	104	239889	19.677	ug/l	100
71) Bromoform	10.85	173	66667	19.227	ug/l	100
73) Isopropylbenzene	11.01	105	377936	20.404	ug/l	99
74) N-amyl acetate	10.89	43	157659	20.486	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	128768	21.267	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	107225m	20.076	ug/l	
77) Bromobenzene	11.25	156	99674	19.280	ug/l	100
78) n-propylbenzene	11.35	91	428409	19.998	ug/l	100
79) 2-Chlorotoluene	11.42	91	256950	20.402	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	317503	20.515	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	39161	18.768	ug/l	95
82) 4-Chlorotoluene	11.51	91	293614	19.686	ug/l	100
83) tert-Butylbenzene	11.76	119	309708	21.132	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	315524	20.230	ug/l	99
85) sec-Butylbenzene	11.94	105	371910	20.428	ug/l	99
86) p-Isopropyltoluene	12.06	119	342293	20.091	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	181570	19.577	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	178567	18.854	ug/l	99
89) n-Butylbenzene	12.38	91	293224	19.217	ug/l	99
90) Hexachloroethane	12.59	117	59692	20.063	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	179094	19.691	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	25981	18.290	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	121175	18.050	ug/l	100
94) Hexachlorobutadiene	13.77	225	63684	19.613	ug/l	98
95) Naphthalene	13.83	128	341026	19.106	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	123277	19.007	ug/l	98

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

