

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO090320\
 Data File : VX018224.D
 Acq On : 03 Sep 2020 11:08
 Operator : JC/SP
 Sample : VX0903WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 9:28:55 AM

Quant Time: Sep 04 01:47:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	428029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	661601	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	627549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	341140	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	309785	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
35) Dibromofluoromethane	5.47	113	234525	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
50) Toluene-d8	8.70	98	854314	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.12	95	320875	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	99921	19.174	ug/l	99
3) Chloromethane	1.31	50	91847	16.717	ug/l	92
4) Vinyl Chloride	1.39	62	96224	17.594	ug/l	99
5) Bromomethane	1.64	94	68182	25.846	ug/l	95
6) Chloroethane	1.72	64	52456	17.857	ug/l	95
7) Trichlorofluoromethane	1.92	101	162481	21.787	ug/l	100
8) Diethyl Ether	2.17	74	49285	19.487	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	83756	20.774	ug/l	98
10) Methyl Iodide	2.50	142	78962	21.656	ug/l	94
11) Tert butyl alcohol	3.04	59	86596	74.951	ug/l	97
12) 1,1-Dichloroethene	2.36	96	76652	18.325	ug/l	95
13) Acrolein	2.28	56	18360	38.325	ug/l	92
14) Allyl chloride	2.71	41	136991	18.229	ug/l	97
15) Acrylonitrile	3.12	53	211807	80.817	ug/l	99
16) Acetone	2.43	43	185677	80.192	ug/l	94
17) Carbon Disulfide	2.55	76	215839	17.069	ug/l	99
18) Methyl Acetate	2.75	43	109880	19.666	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	274426	19.130	ug/l	97
20) Methylene Chloride	2.84	84	88095	17.857	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	85157	18.375	ug/l	95
22) Diisopropyl ether	3.82	45	274009	18.473	ug/l	# 77
23) Vinyl Acetate	3.78	43	1163973	88.192	ug/l	100
24) 1,1-Dichloroethane	3.67	63	157951	18.707	ug/l	99
25) 2-Butanone	4.64	43	298847	78.534	ug/l	98
26) 2,2-Dichloropropane	4.55	77	147799	21.514	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	93433	17.498	ug/l	96
28) Bromochloromethane	4.98	49	77007	18.895	ug/l	98
29) Tetrahydrofuran	5.09	42	185527	76.589	ug/l	96
30) Chloroform	5.17	83	170961	19.555	ug/l	98
31) Cyclohexane	5.55	56	122769	17.261	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	160823	20.045	ug/l	100
36) 1,1-Dichloropropene	5.76	75	119609	19.601	ug/l	99
37) Ethyl Acetate	4.79	43	120128	16.949	ug/l	99
38) Carbon Tetrachloride	5.75	117	143859	20.919	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	125644	18.830	ug/l	97
40) Benzene	6.11	78	336639	18.774	ug/l	98
41) Methacrylonitrile	5.01	41	66277	17.031	ug/l	99
42) 1,2-Dichloroethane	6.16	62	137635	20.034	ug/l	100
43) Isopropyl Acetate	6.41	43	194659	17.005	ug/l	99
44) Trichloroethene	7.18	130	99014	19.543	ug/l	99
45) 1,2-Dichloropropane	7.49	63	91504	18.934	ug/l	97
46) Dibromomethane	7.64	93	67073	19.737	ug/l	95
47) Bromodichloromethane	7.87	83	136401	20.102	ug/l	98
48) Methyl methacrylate	7.74	41	91654	16.083	ug/l	97
49) 1,4-Dioxane	7.74	88	31566	305.795	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	610515	86.338	ug/l	99
52) Toluene	8.76	92	216778	19.066	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	144267	19.183	ug/l	94
54) cis-1,3-Dichloropropene	8.42	75	152758	19.175	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	91021	18.770	ug/l	97
56) Ethyl methacrylate	9.16	69	122511	16.995	ug/l	98
57) 1,3-Dichloropropane	9.35	76	149866	18.738	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	259573	80.045	ug/l	99
59) 2-Hexanone	9.47	43	451970	84.059	ug/l	98
60) Dibromochloromethane	9.57	129	111029	19.518	ug/l	99
61) 1,2-Dibromoethane	9.65	107	97341	18.490	ug/l	99
64) Tetrachloroethene	9.32	164	102802	22.292	ug/l	96
65) Chlorobenzene	10.12	112	242828	19.374	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	100722	20.390	ug/l	99
67) Ethyl Benzene	10.24	91	399173	18.728	ug/l	100
68) m/p-Xylenes	10.34	106	315837	39.700	ug/l	99
69) o-Xylene	10.68	106	143708	18.634	ug/l	97
70) Styrene	10.70	104	255099	19.424	ug/l	100
71) Bromoform	10.84	173	80760	19.167	ug/l #	97
73) Isopropylbenzene	11.00	105	407546	18.112	ug/l	100
74) N-amyl acetate	10.88	43	161363	15.114	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	133144	16.773	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	126424m	16.659	ug/l	
77) Bromobenzene	11.24	156	103634	16.661	ug/l	100
78) n-propylbenzene	11.34	91	460757	18.034	ug/l	100
79) 2-Chlorotoluene	11.40	91	283857	17.982	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	352077	19.040	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	45751	16.283	ug/l	99
82) 4-Chlorotoluene	11.49	91	333945	17.796	ug/l	99
83) tert-Butylbenzene	11.76	119	318095	17.432	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	349276	18.475	ug/l	98
85) sec-Butylbenzene	11.93	105	388170	18.705	ug/l	99
86) p-Isopropyltoluene	12.05	119	367053	19.256	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	194305	17.793	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	194728	17.809	ug/l	97
89) n-Butylbenzene	12.37	91	313631	18.027	ug/l	98
90) Hexachloroethane	12.58	117	69585	18.554	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	186882	18.180	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	32333	16.290	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	120871	17.633	ug/l	99
94) Hexachlorobutadiene	13.76	225	57282	21.186	ug/l	98
95) Naphthalene	13.82	128	360823	15.994	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	117478	17.344	ug/l	95

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

