

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052120\
 Data File : VX016379.D
 Acq On : 21 May 2020 13:33
 Operator : JC/SP
 Sample : VX0521WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/22/2020 4:02:57 PM

Quant Time: May 22 08:28:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	249495	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	397316	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	362495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	178998	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	147103	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	
35) Dibromofluoromethane	5.46	113	122345	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
50) Toluene-d8	8.70	98	471990	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.12	95	178421	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	45194	17.114	ug/l	100
3) Chloromethane	1.31	50	46280	15.090	ug/l	95
4) Vinyl Chloride	1.39	62	54784	16.743	ug/l	98
5) Bromomethane	1.63	94	32244	19.547	ug/l	92
6) Chloroethane	1.71	64	33355	16.754	ug/l	96
7) Trichlorofluoromethane	1.92	101	73519	17.114	ug/l	99
8) Diethyl Ether	2.17	74	31509	17.409	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	43173	17.420	ug/l	98
10) Methyl Iodide	2.49	142	35521	10.670	ug/l	99
11) Tert butyl alcohol	3.00	59	64179	77.304	ug/l	100
12) 1,1-Dichloroethene	2.36	96	43288	16.691	ug/l	95
13) Acrolein	2.27	56	42522	81.849	ug/l	100
14) Allyl chloride	2.71	41	73585	15.474	ug/l	94
15) Acrylonitrile	3.11	53	141842	82.357	ug/l	99
16) Acetone	2.42	43	109269	74.592	ug/l	93
17) Carbon Disulfide	2.55	76	123769	15.750	ug/l	100
18) Methyl Acetate	2.75	43	61002	16.936	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	161862	18.104	ug/l	99
20) Methylene Chloride	2.84	84	51146	16.937	ug/l	90
21) trans-1,2-Dichloroethene	3.14	96	50329	17.414	ug/l	94
22) Diisopropyl ether	3.82	45	149260	16.638	ug/l	90
23) Vinyl Acetate	3.78	43	648280	82.136	ug/l	97
24) 1,1-Dichloroethane	3.67	63	87763	17.488	ug/l	99
25) 2-Butanone	4.63	43	188407	79.816	ug/l	97
26) 2,2-Dichloropropane	4.55	77	77996	17.018	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	57624	18.238	ug/l	96
28) Bromochloromethane	4.98	49	36580	15.985	ug/l	88
29) Tetrahydrofuran	5.09	42	124312	79.479	ug/l	94
30) Chloroform	5.17	83	90984	18.209	ug/l	98
31) Cyclohexane	5.55	56	75852	16.631	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	80853	17.801	ug/l	98
36) 1,1-Dichloropropene	5.77	75	67567	17.276	ug/l	100
37) Ethyl Acetate	4.79	43	73555	16.227	ug/l	97
38) Carbon Tetrachloride	5.76	117	70594	17.758	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	73889	15.688	ug/l	97
40) Benzene	6.11	78	207729	18.153	ug/l	99
41) Methacrylonitrile	5.00	41	38855	15.872	ug/l	94
42) 1,2-Dichloroethane	6.16	62	69902	16.957	ug/l	97
43) Isopropyl Acetate	6.41	43	117212	16.206	ug/l	95
44) Trichloroethene	7.19	130	66750	16.419	ug/l	98
45) 1,2-Dichloropropane	7.49	63	52686	18.195	ug/l	100
46) Dibromomethane	7.63	93	35531	18.057	ug/l	97
47) Bromodichloromethane	7.87	83	71697	17.890	ug/l	97
48) Methyl methacrylate	7.74	41	55263	16.125	ug/l	91
49) 1,4-Dioxane	7.71	88	25542	310.754	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	369129	83.402	ug/l	96
52) Toluene	8.76	92	135024	18.930	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	84250	17.632	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	91433	18.320	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	53672	19.125	ug/l	98
56) Ethyl methacrylate	9.16	69	83691	18.270	ug/l	92
57) 1,3-Dichloropropane	9.35	76	91427	18.671	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	201914	82.795	ug/l	98
59) 2-Hexanone	9.47	43	279351	80.371	ug/l	94
60) Dibromochloromethane	9.57	129	57662	18.656	ug/l	100
61) 1,2-Dibromoethane	9.65	107	56961	18.739	ug/l	99
64) Tetrachloroethene	9.32	164	76662	17.227	ug/l	99
65) Chlorobenzene	10.12	112	141318	18.618	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	52783	18.815	ug/l	100
67) Ethyl Benzene	10.23	91	250774	18.517	ug/l	98
68) m/p-Xylenes	10.34	106	190206	37.486	ug/l	100
69) o-Xylene	10.68	106	91528	18.766	ug/l	97
70) Styrene	10.70	104	154264	18.643	ug/l	99
71) Bromoform	10.84	173	43873	19.195	ug/l #	100
73) Isopropylbenzene	11.00	105	240487	18.472	ug/l	98
74) N-amyl acetate	10.88	43	98857	16.279	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	58478	25.074	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	74657m	18.380	ug/l	
77) Bromobenzene	11.24	156	61174	18.204	ug/l	97
78) n-propylbenzene	11.34	91	267178	17.640	ug/l	100
79) 2-Chlorotoluene	11.40	91	162353	18.160	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	197646	17.980	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	29517	17.317	ug/l	94
82) 4-Chlorotoluene	11.49	91	190515	18.046	ug/l	98
83) tert-Butylbenzene	11.76	119	169899	17.934	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	201680	18.147	ug/l	100
85) sec-Butylbenzene	11.93	105	205854	16.094	ug/l	99
86) p-Isopropyltoluene	12.05	119	197097	16.597	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	109170	18.093	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	112006	18.289	ug/l	99
89) n-Butylbenzene	12.37	91	158673	14.626	ug/l	99
90) Hexachloroethane	12.58	117	32679	16.023	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	104430	17.974	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17448	16.298	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	68174	15.849	ug/l	99
94) Hexachlorobutadiene	13.77	225	25530	14.163	ug/l	96
95) Naphthalene	13.82	128	241851	17.364	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	66490	15.816	ug/l	98

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

