

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051820\
 Data File : VX016313.D
 Acq On : 18 May 2020 21:05
 Operator : JC/SP
 Sample : L2672-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW173-200514MSD

Manual Integrations
 APPROVED

MMDadoda
 5/19/2020 2:27:12 PM

Quant Time: May 19 02:56:24 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	5.63	168	244605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	409018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	384018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188620	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	150193	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
35) Dibromofluoromethane	5.47	113	124865	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
50) Toluene-d8	8.70	98	480090	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
62) 4-Bromofluorobenzene	11.12	95	186925	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	130938	50.573	ug/l	98
3) Chloromethane	1.31	50	131987	43.896	ug/l	98
4) Vinyl Chloride	1.39	62	170907	53.277	ug/l	100
5) Bromomethane	1.62	94	63865	39.490	ug/l	99
6) Chloroethane	1.70	64	97030	49.711	ug/l	98
7) Trichlorofluoromethane	1.91	101	206293	48.983	ug/l	99
8) Diethyl Ether	2.17	74	89778	50.594	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	118304	48.689	ug/l	99
10) Methyl Iodide	2.49	142	95845	29.366	ug/l	99
11) Tert butyl alcohol	3.02	59	197219	242.302	ug/l	99
12) 1,1-Dichloroethene	2.36	96	123838	48.703	ug/l	97
13) Acrolein	2.27	56	155131	304.575	ug/l	98
14) Allyl chloride	2.71	41	217672	46.689	ug/l	94
15) Acrylonitrile	3.12	53	436129	258.291	ug/l	99
16) Acetone	2.42	43	340765	237.272	ug/l	94
17) Carbon Disulfide	2.55	76	342474	44.829	ug/l	99
18) Methyl Acetate	2.75	43	182766	51.757	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	472027	53.851	ug/l	99
20) Methylene Chloride	2.84	84	146436	49.461	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	142081	50.143	ug/l	97
22) Diisopropyl ether	3.82	45	447351	50.862	ug/l	95
23) Vinyl Acetate	3.79	43	1889286	244.154	ug/l	97
24) 1,1-Dichloroethane	3.67	63	254987	51.825	ug/l	99
25) 2-Butanone	4.64	43	589248	254.616	ug/l	97
26) 2,2-Dichloropropane	4.55	77	199779	44.461	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	185409	59.853	ug/l	94
28) Bromochloromethane	4.98	49	110919	49.440	ug/l	94
29) Tetrahydrofuran	5.09	42	385658	251.500	ug/l	96
30) Chloroform	5.18	83	257383	52.540	ug/l	99
31) Cyclohexane	5.55	56	208088	46.537	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	229443	51.526	ug/l	98
36) 1,1-Dichloropropene	5.78	75	191059	47.454	ug/l	99
37) Ethyl Acetate	4.79	43	217325	46.571	ug/l	98
38) Carbon Tetrachloride	5.76	117	201488	49.235	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	197818	40.799	ug/l	99
40) Benzene	6.12	78	1646930	139.802	ug/l	100
41) Methacrylonitrile	5.01	41	123435	48.979	ug/l	98
42) 1,2-Dichloroethane	6.17	62	212047	49.967	ug/l	99
43) Isopropyl Acetate	6.42	43	353080	47.422	ug/l	97
44) Trichloroethene	7.19	130	175639	41.967	ug/l	99
45) 1,2-Dichloropropane	7.49	63	152994	51.325	ug/l	100
46) Dibromomethane	7.64	93	101161	49.938	ug/l	98
47) Bromodichloromethane	7.88	83	213416	51.729	ug/l	98
48) Methyl methacrylate	7.75	41	168835	47.855	ug/l	93
49) 1,4-Dioxane	7.71	88	74041	875.039	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1141480	250.531	ug/l	96
52) Toluene	8.77	92	387795	52.812	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	246351	50.081	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	256176	49.859	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	156016	54.004	ug/l	98
56) Ethyl methacrylate	9.16	69	253116	53.675	ug/l	92
57) 1,3-Dichloropropane	9.35	76	262128	51.999	ug/l	99
59) 2-Hexanone	9.48	43	887874	248.140	ug/l	96
60) Dibromochloromethane	9.57	129	176130	55.355	ug/l	100
61) 1,2-Dibromoethane	9.65	107	163781	52.338	ug/l	99
64) Tetrachloroethene	9.32	164	190969	40.508	ug/l	98
65) Chlorobenzene	10.13	112	7526750	936.058	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.21	131	154435	51.963	ug/l	98
67) Ethyl Benzene	10.24	91	723939	50.459	ug/l	99
68) m/p-Xylenes	10.34	106	541572	100.752	ug/l	99
69) o-Xylene	10.68	106	264571	51.205	ug/l	100
70) Styrene	10.70	104	458392	52.294	ug/l	99
71) Bromoform	10.84	173	136101	56.208	ug/l #	100
73) Isopropylbenzene	11.00	105	707303	51.556	ug/l	99
74) N-amyl acetate	10.88	43	303869	47.485	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	201347	71.017	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	218092m	50.953	ug/l	
77) Bromobenzene	11.24	156	177766	50.200	ug/l	99
78) n-propylbenzene	11.35	91	771889	48.364	ug/l	99
79) 2-Chlorotoluene	11.40	91	470126	49.903	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	556717	48.061	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	88692	49.381	ug/l	95
82) 4-Chlorotoluene	11.49	91	550480	49.482	ug/l	100
83) tert-Butylbenzene	11.76	119	514107	51.500	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	576520	49.230	ug/l	99
85) sec-Butylbenzene	11.93	105	593129	44.006	ug/l	96
86) p-Isopropyltoluene	12.05	119	532192	42.528	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	539795	84.897	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	830332	128.665	ug/l	99
89) n-Butylbenzene	12.37	91	435604	38.103	ug/l	100
90) Hexachloroethane	12.58	117	94224	43.842	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	2344982	383.020	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57302	50.796	ug/l	95
93) 1,2,4-Trichlorobenzene	13.63	180	194140	42.830	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	65017	33.486	ug/l	100
95) Naphthalene	13.82	128	765696	52.170	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	194065	43.808	ug/l	99

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

