

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100719\
 Data File : VX012853.D
 Acq On : 07 Oct 2019 21:04
 Operator : JC/SP
 Sample : K5154-13MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103IMSD

Manual Integrations
 APPROVED

MMDadoda
 10/8/2019 2:07:01 PM

Quant Time: Oct 08 12:33:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	161592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	287389	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121989	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	114562	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
35) Dibromofluoromethane	5.48	113	90793	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
50) Toluene-d8	8.71	98	336977	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	11.13	95	131272	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	64747	35.617	ug/l	97
3) Chloromethane	1.31	50	79651	38.157	ug/l	100
4) Vinyl Chloride	1.40	62	93806	45.211	ug/l	98
5) Bromomethane	1.62	94	25051	30.708	ug/l	96
6) Chloroethane	1.70	64	75280	53.820	ug/l	97
7) Trichlorofluoromethane	1.91	101	124386	42.699	ug/l	100
8) Diethyl Ether	2.18	74	54853	45.948	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	75951	42.806	ug/l	97
10) Methyl Iodide	2.50	142	68233	37.841	ug/l	92
11) Tert butyl alcohol	3.04	59	144978	246.638	ug/l	99
12) 1,1-Dichloroethene	2.36	96	83198	47.887	ug/l	96
13) Acrolein	2.28	56	72712	223.199	ug/l	99
14) Allyl chloride	2.72	41	156909	45.520	ug/l	94
15) Acrylonitrile	3.13	53	293943	246.481	ug/l	98
16) Acetone	2.44	43	251513	201.793	ug/l	96
17) Carbon Disulfide	2.56	76	212821	43.694	ug/l	99
18) Methyl Acetate	2.76	43	140504	47.875	ug/l	95
19) Methyl tert-butyl Ether	3.19	73	330935	50.323	ug/l	99
20) Methylene Chloride	2.84	84	100956	47.890	ug/l	91
21) trans-1,2-Dichloroethene	3.15	96	90033	46.775	ug/l	96
22) Diisopropyl ether	3.84	45	321288	48.237	ug/l	97
23) Vinyl Acetate	3.80	43	1362602	233.283	ug/l	97
24) 1,1-Dichloroethane	3.69	63	198440	54.810	ug/l	99
25) 2-Butanone	4.66	43	409332	229.044	ug/l	95
26) 2,2-Dichloropropane	4.57	77	126290	39.220	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	115889	51.890	ug/l	91
28) Bromochloromethane	5.00	49	62975	47.904	ug/l	95
29) Tetrahydrofuran	5.11	42	262377	240.875	ug/l	95
30) Chloroform	5.20	83	175846	47.474	ug/l	99
31) Cyclohexane	5.57	56	140414	42.870	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	153460	46.746	ug/l	98
36) 1,1-Dichloropropene	5.79	75	124934	45.101	ug/l	97
37) Ethyl Acetate	4.82	43	150065	46.337	ug/l	97
38) Carbon Tetrachloride	5.78	117	126681	45.019	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	135344	40.585	ug/l	96
40) Benzene	6.14	78	393369	48.263	ug/l	99
41) Methacrylonitrile	5.03	41	85650	47.137	ug/l	94
42) 1,2-Dichloroethane	6.18	62	143719	46.435	ug/l	98
43) Isopropyl Acetate	6.43	43	253132	46.739	ug/l	96
44) Trichloroethene	7.21	130	97990	47.028	ug/l	100
45) 1,2-Dichloropropane	7.51	63	103556	49.626	ug/l	98
46) Dibromomethane	7.65	93	69291	48.771	ug/l	99
47) Bromodichloromethane	7.89	83	139436	49.105	ug/l	99
48) Methyl methacrylate	7.76	41	125505	48.329	ug/l	91
49) 1,4-Dioxane	7.73	88	58492	993.038	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	815089	243.810	ug/l	95
52) Toluene	8.78	92	251294	49.056	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	153375	48.819	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	166408	48.512	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	103383	50.762	ug/l	99
56) Ethyl methacrylate	9.17	69	177118	51.766	ug/l	90
57) 1,3-Dichloropropane	9.37	76	177476	49.791	ug/l	99
59) 2-Hexanone	9.49	43	633060	247.389	ug/l	93
60) Dibromochloromethane	9.58	129	105530	51.187	ug/l	99
61) 1,2-Dibromoethane	9.67	107	108257	51.075	ug/l	99
64) Tetrachloroethene	9.33	164	80152	44.918	ug/l	91
65) Chlorobenzene	10.14	112	267164	49.572	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	100335	51.383	ug/l	99
67) Ethyl Benzene	10.25	91	480005	49.106	ug/l	98
68) m/p-Xylenes	10.35	106	358786	97.984	ug/l	99
69) o-Xylene	10.70	106	174622	49.285	ug/l	99
70) Stvrene	10.71	104	307849	51.828	ug/l	99
71) Bromoform	10.85	173	75454	55.494	ug/l #	98
73) Isopropylbenzene	11.01	105	467035	47.006	ug/l	99
74) N-amyl acetate	10.89	43	227476	47.991	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	169250	51.436	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	152472m	47.250	ug/l	
77) Bromobenzene	11.25	156	109062	48.500	ug/l	99
78) n-propylbenzene	11.35	91	513636	45.919	ug/l	99
79) 2-Chlorotoluene	11.42	91	320494	45.930	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	394625	47.364	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47558	42.236	ug/l	95
82) 4-Chlorotoluene	11.51	91	376260	47.302	ug/l	99
83) tert-Butylbenzene	11.77	119	387104	48.164	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	399122	47.486	ug/l	99
85) sec-Butylbenzene	11.94	105	444347	47.533	ug/l	99
86) p-Isopropyltoluene	12.06	119	408566	48.437	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	200425	49.527	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	200011	48.912	ug/l	99
89) n-Butylbenzene	12.39	91	334239	44.968	ug/l	98
90) Hexachloroethane	12.59	117	70751	47.048	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	197560	48.763	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39964	48.552	ug/l	93
93) 1,2,4-Trichlorobenzene	13.64	180	123610	50.029	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	50853	47.842	ug/l	99
95) Naphthalene	13.83	128	453180	50.695	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	125286	50.620	ug/l	99

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

