

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX070819\
 Data File : VX010735.D
 Acq On : 09 Jul 2019 07:23
 Operator : JC/SP
 Sample : K3691-10MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MSD

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:24:21 AM

Quant Time: Jul 09 08:20:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	208081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	327028	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	299738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157948	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	100996	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	5.49	113	96164	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	8.71	98	351597	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	
62) 4-Bromofluorobenzene	11.13	95	134003	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	85931	59.401	ug/l	99
3) Chloromethane	1.32	50	92586	54.963	ug/l	98
4) Vinyl Chloride	1.41	62	225352	122.138	ug/l	99
5) Bromomethane	1.64	94	50363	56.029	ug/l	99
6) Chloroethane	1.71	64	63475	58.312	ug/l	95
7) Trichlorofluoromethane	1.93	101	170587	58.323	ug/l	99
8) Diethyl Ether	2.19	74	60474	57.655	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	91605	51.682	ug/l	99
10) Methyl Iodide	2.51	142	124381	49.171	ug/l	97
11) Tert butyl alcohol	3.05	59	131073	256.752	ug/l	99
12) 1,1-Dichloroethene	2.37	96	98441	54.580	ug/l	99
13) Acrolein	2.29	56	76329	225.388	ug/l	98
14) Allyl chloride	2.73	41	137562	53.723	ug/l	99
15) Acrylonitrile	3.14	53	286448	283.404	ug/l	99
16) Acetone	2.45	43	236232	241.604	ug/l	98
17) Carbon Disulfide	2.57	76	245892	50.817	ug/l	100
18) Methyl Acetate	2.78	43	105033	53.898	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	321180	56.606	ug/l	99
20) Methylene Chloride	2.85	84	112656	55.987	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	106250	54.774	ug/l	100
22) Diisopropyl ether	3.85	45	303085	56.613	ug/l	95
23) Vinyl Acetate	3.81	43	1287572	278.397	ug/l	99
24) 1,1-Dichloroethane	3.70	63	189140	61.120	ug/l	98
25) 2-Butanone	4.67	43	386412	269.416	ug/l	99
26) 2,2-Dichloropropane	4.59	77	79298	29.498	ug/l	91
27) cis-1,2-Dichloroethene	4.59	96	189056	84.340	ug/l	96
28) Bromochloromethane	5.01	49	76271	51.549	ug/l	94
29) Tetrahydrofuran	5.13	42	251380	282.962	ug/l	99
30) Chloroform	5.21	83	186501	56.013	ug/l	98
31) Cyclohexane	5.58	56	152762	54.208	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	160877	54.720	ug/l	99
36) 1,1-Dichloropropene	5.80	75	134161	51.625	ug/l	98
37) Ethyl Acetate	4.84	43	141225	52.824	ug/l	98
38) Carbon Tetrachloride	5.79	117	144002	51.172	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	159686	46.747	ug/l	100
40) Benzene	6.14	78	465304	57.471	ug/l	99
41) Methacrylonitrile	5.04	41	81105	55.290	ug/l	97
42) 1,2-Dichloroethane	6.19	62	145151	58.896	ug/l	97
43) Isopropyl Acetate	6.45	43	233055	52.689	ug/l	97
44) Trichloroethene	7.21	130	121886	50.311	ug/l	100
45) 1,2-Dichloropropane	7.51	63	107370	52.515	ug/l	99
46) Dibromomethane	7.66	93	77882	53.092	ug/l	97
47) Bromodichloromethane	7.90	83	139995	52.076	ug/l	99
48) Methyl methacrylate	7.77	41	116259	56.547	ug/l	98
49) 1,4-Dioxane	7.74	88	58168	982.111	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	796542	281.570	ug/l	98
52) Toluene	8.78	92	280678	52.643	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	138487	45.948	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	152969	46.704	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	116457	52.961	ug/l	99
56) Ethyl methacrylate	9.18	69	179276	53.819	ug/l	96
57) 1,3-Dichloropropane	9.37	76	182698	53.524	ug/l	100
59) 2-Hexanone	9.49	43	617788	277.474	ug/l	98
60) Dibromochloromethane	9.58	129	124541	50.584	ug/l	99
61) 1,2-Dibromoethane	9.67	107	126078	53.120	ug/l	100
64) Tetrachloroethene	9.34	164	109752	45.270	ug/l	99
65) Chlorobenzene	10.14	112	1142851	187.807	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	115853	52.267	ug/l	100
67) Ethyl Benzene	10.25	91	536134	52.187	ug/l	99
68) m/p-Xylenes	10.36	106	412434	103.610	ug/l	97
69) o-Xylene	10.69	106	202066	51.619	ug/l	98
70) Styrene	10.71	104	349872	53.294	ug/l	99
71) Bromoform	10.85	173	96839	50.239	ug/l #	99
73) Isopropylbenzene	11.02	105	533345	49.813	ug/l	99
74) N-amyl acetate	10.90	43	212614	52.544	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	182592	51.495	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	148140m	51.469	ug/l	
77) Bromobenzene	11.26	156	149643	50.053	ug/l	98
78) n-propylbenzene	11.36	91	595893	50.639	ug/l	99
79) 2-Chlorotoluene	11.42	91	357155	50.970	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	449178	50.889	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	45498	36.878	ug/l	89
82) 4-Chlorotoluene	11.51	91	409455	51.352	ug/l	99
83) tert-Butylbenzene	11.77	119	452236	51.048	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	454839	51.290	ug/l	99
85) sec-Butylbenzene	11.94	105	521544	50.140	ug/l	99
86) p-Isopropyltoluene	12.06	119	481157	50.009	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	277380	53.151	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	293248	55.196	ug/l	99
89) n-Butylbenzene	12.38	91	401818	49.148	ug/l	100
90) Hexachloroethane	12.60	117	80073	48.131	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	293887	56.662	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38480	50.333	ug/l	92
93) 1,2,4-Trichlorobenzene	13.65	180	173848	48.333	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	81974	46.631	ug/l	99
95) Naphthalene	13.83	128	573278	51.864	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	180119	50.365	ug/l	99

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

