

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
 Data File : VU045059.D
 Acq On : 30 Sep 2021 19:58
 Operator : SY/MD
 Sample : M3926-06MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP-1-MW-4-0921MSD

Manual Integrations
 APPROVED

MMDadoda
 10/1/2021 11:03:37 AM

Quant Time: Oct 01 05:42:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.375	168	158466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	294034	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	287967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	146020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	133302	50.534	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.060%			
35) Dibromofluoromethane	5.292	113	92142	49.676	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.360%			
50) Toluene-d8	7.903	98	362960	49.525	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.040%			
62) 4-Bromofluorobenzene	10.639	95	151483	50.065	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	88987	45.348	ug/l	99
3) Chloromethane	1.520	50	109931	43.250	ug/l	99
4) Vinyl Chloride	1.607	62	116856	46.043	ug/l	99
5) Bromomethane	1.845	94	48672	48.890	ug/l	100
6) Chloroethane	1.913	64	37743	19.358	ug/l	99
7) Trichlorofluoromethane	2.125	101	152320	45.447	ug/l	98
8) Diethyl Ether	2.379	74	72003	46.877	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.575	101	91661	48.088	ug/l	98
10) Methyl Iodide	2.720	142	90864	44.663	ug/l	97
11) Tert butyl alcohol	3.311	59	241095m	318.453	ug/l	
12) 1,1-Dichloroethene	2.575	96	90583	48.213	ug/l	97
13) Acrolein	2.491	56	36882	249.856	ug/l	98
14) Allyl chloride	2.922	41	170679	49.088	ug/l	99
15) Acrylonitrile	3.321	53	410193	268.653	ug/l	99
16) Acetone	2.639	43	365532	233.450	ug/l	99
17) Carbon Disulfide	2.790	76	247817	44.682	ug/l	99
18) Methyl Acetate	2.951	43	228621	49.958	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	356892	49.208	ug/l	99
20) Methylene Chloride	3.047	84	108806	46.135	ug/l	94
21) trans-1,2-Dichloroethene	3.353	96	97263	47.323	ug/l	97
22) Diisopropyl ether	3.999	45	348089	49.036	ug/l	97
23) Vinyl Acetate	3.961	43	1378257	238.725	ug/l	98
24) 1,1-Dichloroethane	3.871	63	196246	48.157	ug/l	99
25) 2-Butanone	4.713	43	573068	257.603	ug/l	98
26) 2,2-Dichloropropane	4.668	77	148649	43.146	ug/l	98
27) cis-1,2-Dichloroethene	4.668	96	126259	52.014	ug/l	98
28) Bromochloromethane	4.980	49	82494	48.841	ug/l	95
29) Tetrahydrofuran	5.057	42	366364	276.655	ug/l	96
30) Chloroform	5.092	83	197489	48.083	ug/l	99
31) Cyclohexane	5.388	56	183411	45.773	ug/l	97
32) 1,1,1-Trichloroethane	5.318	97	161537	47.666	ug/l	99
36) 1,1-Dichloropropene	5.530	75	145491	47.316	ug/l	99
37) Ethyl Acetate	4.809	43	213703	52.527	ug/l	100
38) Carbon Tetrachloride	5.527	117	127065	47.755	ug/l	99
39) Methylcyclohexane	6.764	83	182686	48.396	ug/l	97
40) Benzene	5.777	78	431051	47.068	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	103372	49.355	ug/l	94
42) 1,2-Dichloroethane	5.797	62	169548	47.103	ug/l	99
43) Isopropyl Acetate	5.919	43	297291	48.571	ug/l	99
44) Trichloroethene	6.546	130	99674	46.161	ug/l	100
45) 1,2-Dichloropropane	6.793	63	113359	46.688	ug/l	99
46) Dibromomethane	6.922	93	78942	48.263	ug/l	99
47) Bromodichloromethane	7.108	83	152696	48.080	ug/l	98
48) Methyl methacrylate	6.967	41	147487	49.504	ug/l	96
49) 1,4-Dioxane	6.999	88	85247	1129.174	ug/l	95
51) 4-Methyl-2-Pentanone	7.809	43	1174937	263.676	ug/l	98
52) Toluene	7.973	92	270880	47.259	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	175320	48.274	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	181963	48.101	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	120388	50.409	ug/l	99
56) Ethyl methacrylate	8.343	69	212211	45.916	ug/l	98
57) 1,3-Dichloropropane	8.581	76	203366	47.713	ug/l	100
59) 2-Hexanone	8.700	43	968135	266.802	ug/l	97
60) Dibromochloromethane	8.816	129	111262	44.202	ug/l	100
61) 1,2-Dibromoethane	8.928	107	122076	48.087	ug/l	99
64) Tetrachloroethene	8.555	164	80149	42.644	ug/l	99
65) Chlorobenzene	9.452	112	283417	46.943	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	99995	47.440	ug/l	99
67) Ethyl Benzene	9.575	91	749008	67.418	ug/l	99
68) m/p-Xylenes	9.697	106	461663	106.961	ug/l	98
69) o-Xylene	10.105	106	215793	50.375	ug/l	99
70) Styrene	10.121	104	338168	47.056	ug/l	97
71) Bromoform	10.298	173	86644	43.035	ug/l #	100
73) Isopropylbenzene	10.488	105	1326796	122.016	ug/l	100
74) N-amyl acetate	10.327	43	286410	52.310	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	10.790	83	241009	51.224	ug/l	98
76) 1,2,3-Trichloropropane	10.832	75	217242m	51.006	ug/l	
77) Bromobenzene	10.787	156	124465	47.402	ug/l	99
78) n-propylbenzene	10.909	91	2148945	162.168	ug/l	100
79) 2-Chlorotoluene	10.989	91	436377	52.536	ug/l	94
80) 1,3,5-Trimethylbenzene	11.092	105	662895	69.588	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	74230	48.367	ug/l	100
82) 4-Chlorotoluene	11.102	91	476930	50.798	ug/l	97
83) tert-Butylbenzene	11.427	119	551802	59.554	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	8134238	863.113	ug/l	100
85) sec-Butylbenzene	11.648	105	1045670	87.634	ug/l	99
86) p-Isopropyltoluene	11.796	119	504821	52.595	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	236255	46.984	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	239687	46.596	ug/l	99
89) n-Butylbenzene	12.211	91	594540	67.251	ug/l	92
90) Hexachloroethane	12.478	117	160166	92.408	ug/l	58
91) 1,2-Dichlorobenzene	12.218	146	241326	46.949	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	67974	61.230	ug/l	88
93) 1,2,4-Trichlorobenzene	13.845	180	148810	51.948	ug/l	97
94) Hexachlorobutadiene	14.025	225	53765	44.962	ug/l	99
95) Naphthalene	14.089	128	976074	90.596	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	147165	51.154	ug/l	97

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

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