

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
 Data File : VU045058.D
 Acq On : 30 Sep 2021 19:34
 Operator : SY/MD
 Sample : M3926-05MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 10/1/2021 11:03:35 AM

Quant Time: Oct 01 05:41:47 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	5.379	168	159563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	285462	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	276106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	140180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	137305	51.694	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.380%			
35) Dibromofluoromethane	5.295	113	96806	53.758	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.520%			
50) Toluene-d8	7.903	98	389078	54.683	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.360%			
62) 4-Bromofluorobenzene	10.636	95	151765	51.664	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	98270	49.734	ug/l	98
3) Chloromethane	1.520	50	120778	47.190	ug/l	99
4) Vinyl Chloride	1.607	62	129924	50.840	ug/l	97
5) Bromomethane	1.851	94	62024	61.874	ug/l	99
6) Chloroethane	1.925	64	94493	48.132	ug/l	100
7) Trichlorofluoromethane	2.138	101	171643	50.860	ug/l	99
8) Diethyl Ether	2.382	74	78444	50.719	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.581	101	99517	51.851	ug/l	99
10) Methyl Iodide	2.726	142	110253	53.821	ug/l	97
11) Tert butyl alcohol	3.257	59	238879m	313.357	ug/l	
12) 1,1-Dichloroethene	2.581	96	99106	52.387	ug/l	96
13) Acrolein	2.491	56	35643	239.928	ug/l	98
14) Allyl chloride	2.925	41	189772	54.204	ug/l	100
15) Acrylonitrile	3.321	53	438730	285.367	ug/l	99
16) Acetone	2.636	43	392144	248.724	ug/l	100
17) Carbon Disulfide	2.797	76	271574	48.629	ug/l	99
18) Methyl Acetate	2.954	43	246864	53.573	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	387087	53.005	ug/l	99
20) Methylene Chloride	3.051	84	118353	49.838	ug/l	97
21) trans-1,2-Dichloroethene	3.356	96	107519	51.954	ug/l	96
22) Diisopropyl ether	3.999	45	374904	52.450	ug/l	99
23) Vinyl Acetate	3.961	43	1514558	260.530	ug/l	99
24) 1,1-Dichloroethane	3.874	63	215492	52.517	ug/l	99
25) 2-Butanone	4.710	43	633376	282.755	ug/l	98
26) 2,2-Dichloropropane	4.671	77	163937	47.256	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	138700	56.746	ug/l	97
28) Bromochloromethane	4.980	49	84290	49.562	ug/l	94
29) Tetrahydrofuran	5.057	42	402613	301.938	ug/l	97
30) Chloroform	5.092	83	217061	52.485	ug/l	99
31) Cyclohexane	5.391	56	198262	49.140	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	179448	52.587	ug/l	99
36) 1,1-Dichloropropene	5.530	75	157863	52.881	ug/l	100
37) Ethyl Acetate	4.809	43	222842	56.418	ug/l	99
38) Carbon Tetrachloride	5.530	117	139895	54.156	ug/l	98
39) Methylcyclohexane	6.768	83	196622	53.652	ug/l	97
40) Benzene	5.777	78	466659	52.486	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	117511	57.790	ug/l	98
42) 1,2-Dichloroethane	5.800	62	183790	52.592	ug/l	99
43) Isopropyl Acetate	5.916	43	317506	53.431	ug/l	98
44) Trichloroethene	6.546	130	107063	51.072	ug/l	97
45) 1,2-Dichloropropane	6.793	63	123145	52.241	ug/l	97
46) Dibromomethane	6.922	93	86355	54.381	ug/l	99
47) Bromodichloromethane	7.108	83	164929	53.492	ug/l	99
48) Methyl methacrylate	6.964	41	156541	54.121	ug/l	96
49) 1,4-Dioxane	6.989	88	91441	1251.997	ug/l	94
51) 4-Methyl-2-Pentanone	7.797	43	1201008	277.620	ug/l	98
52) Toluene	7.973	92	300459	53.994	ug/l	98
53) t-1,3-Dichloropropene	8.215	75	189614	53.778	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	198690	54.100	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	125058	53.937	ug/l	99
56) Ethyl methacrylate	8.337	69	215149	47.869	ug/l	100
57) 1,3-Dichloropropane	8.578	76	215021	51.963	ug/l	99
59) 2-Hexanone	8.690	43	989058	280.753	ug/l	98
60) Dibromochloromethane	8.813	129	117430	47.863	ug/l	100
61) 1,2-Dibromoethane	8.928	107	130770	53.059	ug/l	99
64) Tetrachloroethene	8.555	164	89891	49.882	ug/l	98
65) Chlorobenzene	9.449	112	298831	51.622	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	105274	52.089	ug/l	99
67) Ethyl Benzene	9.575	91	782801	73.487	ug/l	100
68) m/p-Xylenes	9.697	106	491331	118.724	ug/l	99
69) o-Xylene	10.102	106	229296	55.827	ug/l	99
70) Styrene	10.118	104	358251	51.992	ug/l	98
71) Bromoform	10.295	173	87790	45.414	ug/l #	99
73) Isopropylbenzene	10.488	105	1334422	127.830	ug/l	100
74) N-amyl acetate	10.324	43	291147	55.390	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.787	83	244493	54.130	ug/l	99
76) 1,2,3-Trichloropropane	10.829	75	222350m	54.380	ug/l	
77) Bromobenzene	10.784	156	128924	51.145	ug/l	99
78) n-propylbenzene	10.909	91	2134788	167.812	ug/l	100
79) 2-Chlorotoluene	10.989	91	447719	56.147	ug/l	95
80) 1,3,5-Trimethylbenzene	11.092	105	671384	73.415	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	75672	51.361	ug/l	100
82) 4-Chlorotoluene	11.099	91	493555	54.759	ug/l	97
83) tert-Butylbenzene	11.423	119	573316	64.453	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	7756381	857.307	ug/l	100
85) sec-Butylbenzene	11.645	105	1066955	93.143	ug/l	99
86) p-Isopropyltoluene	11.796	119	525087	56.985	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	245377	50.831	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	248590	50.340	ug/l	99
89) n-Butylbenzene	12.211	91	613930	72.338	ug/l	92
90) Hexachloroethane	12.475	117	160806	96.642	ug/l	59
91) 1,2-Dichlorobenzene	12.214	146	251148	50.895	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.999	75	71888	67.453	ug/l	91
93) 1,2,4-Trichlorobenzene	13.841	180	160938	58.523	ug/l	97
94) Hexachlorobutadiene	14.025	225	55667	48.492	ug/l	98
95) Naphthalene	14.089	128	1011228	97.769	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	161055	58.314	ug/l	99

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

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