

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
 Data File : VU043019.D
 Acq On : 12 Apr 2021 12:28
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 IBLK

Quant Time: Apr 12 12:49:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 12:24:54 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.382	168	132422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	218740	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	199492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	93531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	109121	54.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.96%	
35) Dibromofluoromethane	5.298	113	75858	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
50) Toluene-d8	7.906	98	270963	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	10.639	95	97109	44.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.38%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	927	0.58	ug/l	94
5) Bromomethane	1.851	94	719	0.76	ug/l	84
6) Chloroethane	1.944	64	497	0.54	ug/l #	42
10) Methyl Iodide	2.726	142	725	0.41	ug/l #	77
11) Tert butyl alcohol	3.176	59	207	0.45	ug/l #	94
12) 1,1-Dichloroethene	2.588	96	327	0.27	ug/l #	47
13) Acrolein	2.497	56	453	1.60	ug/l #	72
15) Acrylonitrile	3.317	53	1357	1.28	ug/l #	95
16) Acetone	2.629	43	1607	1.27	ug/l #	81
17) Carbon Disulfide	2.800	76	4879	1.33	ug/l	99
18) Methyl Acetate	2.961	43	596	0.26	ug/l #	55
20) Methylene Chloride	3.057	84	323	0.22	ug/l #	49
21) trans-1,2-Dichloroethene	3.366	96	625	0.48	ug/l #	62
23) Vinyl Acetate	3.967	43	1622	0.33	ug/l #	76
25) 2-Butanone	4.716	43	1511	0.88	ug/l #	54
29) Tetrahydrofuran	5.057	42	1331	1.25	ug/l #	55
31) Cyclohexane	5.382	56	3613	1.37	ug/l #	16
36) 1,1-Dichloropropene	5.378	75	11936	5.44	ug/l #	49
38) Carbon Tetrachloride	5.382	117	13628	5.82	ug/l #	15
42) 1,2-Dichloroethane	5.803	62	546	0.20	ug/l #	79
44) Trichloroethene	6.552	130	421	0.26	ug/l	64
49) 1,4-Dioxane	6.996	88	20	0.41	ug/l #	1
51) 4-Methyl-2-Pentanone	7.796	43	5648	1.62	ug/l	97
53) t-1,3-Dichloropropene	8.214	75	568	0.22	ug/l #	52
56) Ethyl methacrylate	8.336	69	546	0.20	ug/l #	56
59) 2-Hexanone	8.690	43	7760	2.76	ug/l	88
64) Tetrachloroethene	8.568	164	322	0.22	ug/l #	77
65) Chlorobenzene	9.449	112	1022	0.25	ug/l	93
68) m/p-Xylenes	9.703	106	1013	0.38	ug/l	88
70) Styrene	10.121	104	958	0.22	ug/l #	90
73) Isopropylbenzene	10.488	105	1675	0.27	ug/l #	70
74) N-amyl acetate	10.327	43	4149	1.15	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	10.790	83	795	0.33	ug/l #	83
76) 1,2,3-Trichloropropane	10.639	75	55109	23.15	ug/l #	37
77) Bromobenzene	10.793	156	563	0.34	ug/l	68
78) n-propylbenzene	10.912	91	2598	0.36	ug/l	83

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

79) 2-Chlorotoluene	10.996	91	1227	0.28	ug/l	93
80) 1,3,5-Trimethylbenzene	11.095	105	1452	0.27	ug/l	91
81) trans-1,4-Dichloro-2-b...	10.639	75	55109	63.75	ug/l #	7
82) 4-Chlorotoluene	11.105	91	2412	0.47	ug/l	90
83) tert-Butylbenzene	11.426	119	1328	0.25	ug/l	86
84) 1,2,4-Trimethylbenzene	11.475	105	1695	0.31	ug/l	97
85) sec-Butylbenzene	11.648	105	2110	0.34	ug/l	86
86) p-Isopropyltoluene	11.799	119	2077	0.37	ug/l	95
87) 1,3-Dichlorobenzene	11.754	146	2059	0.71	ug/l	88
88) 1,4-Dichlorobenzene	11.754	146	2059	0.69	ug/l	87
89) n-Butylbenzene	12.217	91	2920	0.58	ug/l	86
91) 1,2-Dichlorobenzene	12.217	146	1755	0.59	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	13.008	75	656	0.99	ug/l	86
93) 1,2,4-Trichlorobenzene	13.848	180	4425	2.43	ug/l	97
94) Hexachlorobutadiene	14.028	225	1611	1.57	ug/l	85
95) Naphthalene	14.095	128	19353	3.69	ug/l	99
96) 1,2,3-Trichlorobenzene	14.339	180	5115	2.86	ug/l	94

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

