

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052622\
 Data File : VU048675.D
 Acq On : 26 May 2022 12:34
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 IBLK

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/27/2022
 Supervised By : Mahesh Dadoda 05/27/2022

Quant Time: May 27 06:50:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	135992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	284322	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	313032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	168701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	126729	62.051	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 124.100%#			
35) Dibromofluoromethane	5.292	113	105299	51.912	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.820%			
50) Toluene-d8	7.899	98	384115	52.827	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.660%			
62) 4-Bromofluorobenzene	10.632	95	153518	55.827	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	675	0.434	ug/l	76
3) Chloromethane	1.523	50	752	0.375	ug/l #	75
4) Vinyl Chloride	1.600	62	520	0.280	ug/l #	40
7) Trichlorofluoromethane	2.141	101	827	0.312	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.581	101	526	0.362	ug/l #	70
12) 1,1-Dichloroethene	2.578	96	717	0.518	ug/l #	81
13) Acrolein	2.498	56	832	0.610	ug/l	95
14) Allyl chloride	2.916	41	991	0.370	ug/l #	56
15) Acrylonitrile	3.324	53	3607	3.212	ug/l	90
16) Acetone	2.633	43	4208	4.043	ug/l	100
17) Carbon Disulfide	2.797	76	8475	2.097	ug/l	99
18) Methyl Acetate	2.957	43	1936	0.741	ug/l	92
20) Methylene Chloride	3.044	84	1461	0.825	ug/l	87
21) trans-1,2-Dichloroethene	3.356	96	1186	0.749	ug/l	96
25) 2-Butanone	4.716	43	5310m	3.551	ug/l	
29) Tetrahydrofuran	5.063	42	3078	3.268	ug/l #	68
36) 1,1-Dichloropropene	5.539	75	1442	0.487	ug/l #	67
39) Methylcyclohexane	6.761	83	1221	0.393	ug/l	96
40) Benzene	5.774	78	1810	0.207	ug/l #	89
43) Isopropyl Acetate	5.915	43	2111	0.389	ug/l #	82
44) Trichloroethene	6.552	130	1284	0.570	ug/l	90
49) 1,4-Dioxane	6.986	88	1808m	33.167	ug/l	
51) 4-Methyl-2-Pentanone	7.796	43	12788	3.626	ug/l	98
52) Toluene	7.970	92	1966	0.376	ug/l	89
53) t-1,3-Dichloropropene	8.211	75	1206	0.336	ug/l #	50
54) cis-1,3-Dichloropropene	7.607	75	868	0.234	ug/l #	92
55) 1,1,2-Trichloroethane	8.404	97	650	0.282	ug/l #	81
56) Ethyl methacrylate	8.337	69	1533	3.012	ug/l #	84
57) 1,3-Dichloropropane	8.578	76	1392	0.358	ug/l	97
59) 2-Hexanone	8.690	43	16608	5.736	ug/l	92
60) Dibromochloromethane	8.819	129	819	0.317	ug/l	96
61) 1,2-Dibromoethane	8.925	107	1077	0.424	ug/l #	47
65) Chlorobenzene	9.446	112	4361	0.659	ug/l	100
67) Ethyl Benzene	9.571	91	5601	0.502	ug/l	96
68) m/p-Xylenes	9.697	106	3915	0.896	ug/l	84
69) o-Xylene	10.102	106	1787	0.416	ug/l	97

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

70) Styrene	10.115	104	4306	0.610	ug/l	93
71) Bromoform	10.291	173	987	0.425	ug/l #	81
73) Isopropylbenzene	10.484	105	5486	0.504	ug/l	92
74) N-amyl acetate	10.324	43	6302	3.553	ug/l	93
75) 1,1,2,2-Tetrachloroethane	10.780	83	2317	0.521	ug/l #	87
76) 1,2,3-Trichloropropane	10.825	75	3302	0.607	ug/l #	45
77) Bromobenzene	10.777	156	2492	0.852	ug/l	89
78) n-propylbenzene	10.906	91	9039	0.696	ug/l	99
79) 2-Chlorotoluene	10.986	91	5042	0.625	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	5021	0.530	ug/l	94
82) 4-Chlorotoluene	11.098	91	8049	0.864	ug/l	94
83) tert-Butylbenzene	11.420	119	4736	0.521	ug/l	85
84) 1,2,4-Trimethylbenzene	11.468	105	5881	1.749	ug/l	100
85) sec-Butylbenzene	11.645	105	8324	0.732	ug/l	95
86) p-Isopropyltoluene	11.796	119	6770	0.693	ug/l	90
87) 1,3-Dichlorobenzene	11.748	146	6850	1.194	ug/l	95
88) 1,4-Dichlorobenzene	11.838	146	8816	1.488	ug/l	83
89) n-Butylbenzene	12.211	91	13150	3.472	ug/l	95
90) Hexachloroethane	12.475	117	665	0.334	ug/l	88
91) 1,2-Dichlorobenzene	12.214	146	6545	1.130	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.999	75	1921	1.501	ug/l	95
93) 1,2,4-Trichlorobenzene	13.841	180	13978	3.677	ug/l	94
94) Hexachlorobutadiene	14.021	225	4658	2.556	ug/l	97
95) Naphthalene	14.089	128	110297	10.418	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	17638	4.684	ug/l	96

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

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