

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044935.D
 Acq On : 28 Sep 2021 12:34
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928

Quant Time: Sep 28 15:51:29 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	209944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	368594	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	342027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	160644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	162569	46.518	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.040%
35) Dibromofluoromethane	5.292	113	112986	48.592	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.180%
50) Toluene-d8	7.899	98	463308	50.429	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.860%
62) 4-Bromofluorobenzene	10.636	95	174672	46.051	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	650	0.250	ug/l	89
3) Chloromethane	1.520	50	1510	0.448	ug/l #	87
4) Vinyl Chloride	1.604	62	733	0.218	ug/l #	87
5) Bromomethane	1.839	94	2277	1.726	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.578	101	584	0.231	ug/l #	83
10) Methyl Iodide	2.729	142	1416	0.525	ug/l #	76
11) Tert butyl alcohol	3.192	59	543	0.541	ug/l #	72
12) 1,1-Dichloroethene	2.575	96	601	0.241	ug/l	87
13) Acrolein	2.488	56	339	4.836	ug/l #	72
15) Acrylonitrile	3.318	53	2223	1.099	ug/l	96
16) Acetone	2.633	43	2819	1.359	ug/l	94
17) Carbon Disulfide	2.794	76	9771	1.330	ug/l	96
18) Methyl Acetate	2.951	43	2007	0.331	ug/l	96
20) Methylene Chloride	3.048	84	942	0.301	ug/l	92
21) trans-1,2-Dichloroethene	3.359	96	1544	0.567	ug/l	84
23) Vinyl Acetate	3.961	43	2219	0.290	ug/l #	72
25) 2-Butanone	4.716	43	2799	0.950	ug/l	95
29) Tetrahydrofuran	5.060	42	1878	1.070	ug/l #	82
31) Cyclohexane	5.379	56	6258	1.179	ug/l #	6
36) 1,1-Dichloropropene	5.533	75	1371	0.356	ug/l #	82
38) Carbon Tetrachloride	5.379	117	20835	6.246	ug/l #	15
42) 1,2-Dichloroethane	5.797	62	954	0.211	ug/l #	75
44) Trichloroethene	6.546	130	1025	0.379	ug/l	96
46) Dibromomethane	6.919	93	444	0.217	ug/l #	84
49) 1,4-Dioxane	6.980	88	379	Below Cal	#	86
51) 4-Methyl-2-Pentanone	7.797	43	6324	1.132	ug/l	98
53) t-1,3-Dichloropropene	8.215	75	1137	0.250	ug/l #	66
56) Ethyl methacrylate	8.340	69	801	1.954	ug/l #	82
58) 2-Chloroethyl Vinyl ether	7.472	63	448	22.092	ug/l #	49
59) 2-Hexanone	8.690	43	10329	2.271	ug/l	99
60) Dibromochloromethane	8.813	129	254	2.253	ug/l	97
64) Tetrachloroethene	8.555	164	767	0.344	ug/l	92
65) Chlorobenzene	9.449	112	2275	0.317	ug/l	96
67) Ethyl Benzene	9.571	91	3572	0.271	ug/l	96
68) m/p-Xylenes	9.700	106	2698	0.526	ug/l	94
69) o-Xylene	10.105	106	1242	0.244	ug/l	90

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Quant Time: Sep 28 15:51:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

70) Styrene	10.118	104	2927	0.343	ug/l	93
71) Bromoform	10.298	173	303	1.242	ug/l #	51
73) Isopropylbenzene	10.491	105	3360	0.281	ug/l	99
74) N-amyl acetate	10.327	43	4681	0.777	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.784	83	1467	0.283	ug/l #	92
76) 1,2,3-Trichloropropane	10.636	75	93770	20.012	ug/l #	41
77) Bromobenzene	10.784	156	1275	0.441	ug/l	87
78) n-propylbenzene	10.909	91	6363	0.436	ug/l	100
79) 2-Chlorotoluene	10.989	91	3776	0.413	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	3530	0.337	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.636	75	93770	55.537	ug/l #	9
82) 4-Chlorotoluene	11.102	91	6182	0.599	ug/l	100
83) tert-Butylbenzene	11.420	119	3454	0.339	ug/l	87
84) 1,2,4-Trimethylbenzene	11.472	105	4275	0.412	ug/l	91
85) sec-Butylbenzene	11.648	105	5889	0.449	ug/l	99
86) p-Isopropyltoluene	11.796	119	4900	0.464	ug/l	87
87) 1,3-Dichlorobenzene	11.748	146	4397	0.795	ug/l	96
88) 1,4-Dichlorobenzene	11.748	146	4397	0.777	ug/l	96
89) n-Butylbenzene	12.211	91	7846	0.807	ug/l	99
91) 1,2-Dichlorobenzene	12.218	146	3873	0.685	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	13.002	75	1335	1.093	ug/l	92
93) 1,2,4-Trichlorobenzene	13.845	180	7487	2.376	ug/l	95
94) Hexachlorobutadiene	14.025	225	1456	1.107	ug/l	94
95) Naphthalene	14.092	128	63557	5.362	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	9740	3.077	ug/l	99

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

