

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035606.D
 Acq On : 11 May 2023 13:20
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 11 14:00:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	189187	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	343090	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	314775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	155982	47.261	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.520%
35) Dibromofluoromethane	5.385	113	115061	49.728	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.460%
50) Toluene-d8	8.647	98	415032	48.555	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.100%
62) 4-Bromofluorobenzene	11.079	95	178003	51.720	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.440%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	887	0.360	ug/l	84
3) Chloromethane	1.294	50	1429	0.478	ug/l	# 88
4) Vinyl Chloride	1.374	62	702	0.276	ug/l	95
5) Bromomethane	1.617	94	870	0.633	ug/l	# 79
7) Trichlorofluoromethane	1.892	101	1011	0.271	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	752	0.339	ug/l	# 84
10) Methyl Iodide	2.459	142	834	0.421	ug/l	# 94
11) Tert butyl alcohol	3.001	59	538	0.924	ug/l	# 73
12) 1,1-Dichloroethene	2.319	96	636	0.302	ug/l	# 71
13) Acrolein	2.239	56	1090	1.577	ug/l	# 37
14) Allyl chloride	2.660	41	1077	0.239	ug/l	# 80
15) Acrylonitrile	3.068	53	1610	1.256	ug/l	97
16) Acetone	2.392	43	1822	1.284	ug/l	# 79
17) Carbon Disulfide	2.514	76	7894	1.553	ug/l	# 90
18) Methyl Acetate	2.709	43	1147	0.219	ug/l	# 64
20) Methylene Chloride	2.788	84	1393	0.542	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	1447	0.627	ug/l	91
23) Vinyl Acetate	3.721	43	2459	0.393	ug/l	# 92
25) 2-Butanone	4.580	43	1068	0.544	ug/l	# 90
27) cis-1,2-Dichloroethene	4.483	96	736	0.265	ug/l	91
29) Tetrahydrofuran	5.032	42	627	0.508	ug/l	# 36
31) Cyclohexane	5.470	56	1174	0.282	ug/l	# 74
36) 1,1-Dichloropropene	5.684	75	1638	0.448	ug/l	95
38) Carbon Tetrachloride	5.544	117	22064	6.377	ug/l	# 16
39) Methylcyclohexane	7.379	83	1504	0.350	ug/l	91
44) Trichloroethene	7.123	130	991	0.383	ug/l	73
46) Dibromomethane	7.592	93	520	0.281	ug/l	# 71
49) 1,4-Dioxane	7.702	88	468	8.435	ug/l	# 57
53) t-1,3-Dichloropropene	8.982	75	916	0.235	ug/l	# 88
58) 2-Chloroethyl Vinyl ether	8.244	63	804	0.385	ug/l	92
59) 2-Hexanone	9.433	43	932	0.323	ug/l	93
64) Tetrachloroethene	9.275	164	866	0.409	ug/l	# 82
65) Chlorobenzene	10.079	112	1613	0.235	ug/l	95
67) Ethyl Benzene	10.195	91	2759	0.213	ug/l	90
68) m/p-Xylenes	10.305	106	2026	0.424	ug/l	87
70) Styrene	10.652	104	1681	0.220	ug/l	98

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

73) Isopropylbenzene	10.963	105	2648	0.213	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	94622	26.166	ug/l #	34
77) Bromobenzene	11.195	156	685	0.242	ug/l	82
78) n-propylbenzene	11.305	91	5286	0.361	ug/l	93
79) 2-Chlorotoluene	11.366	91	2536	0.277	ug/l	89
80) 1,3,5-Trimethylbenzene	11.451	105	2803	0.265	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	94622	84.329	ug/l #	8
82) 4-Chlorotoluene	11.451	91	4422	0.419	ug/l	100
83) tert-Butylbenzene	11.713	119	2566	0.249	ug/l	83
84) 1,2,4-Trimethylbenzene	11.750	105	3199	0.301	ug/l	100
85) sec-Butylbenzene	11.890	105	4993	0.386	ug/l	97
86) p-Isopropyltoluene	12.006	119	3945	0.371	ug/l #	81
87) 1,3-Dichlorobenzene	11.969	146	2651	0.494	ug/l	96
88) 1,4-Dichlorobenzene	11.969	146	2651	0.489	ug/l	96
89) n-Butylbenzene	12.329	91	5934	0.614	ug/l	97
90) Hexachloroethane	12.536	117	430	0.267	ug/l	78
91) 1,2-Dichlorobenzene	12.335	146	1820	0.346	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	3941	1.244	ug/l	94
94) Hexachlorobutadiene	13.725	225	3340	2.657	ug/l	97
95) Naphthalene	13.774	128	11017	1.016	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	4011	1.288	ug/l	94

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

