

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051823\
 Data File : VX035741.D
 Acq On : 18 May 2023 14:45
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 19 05:47:12 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	186702	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	346248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141002	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	158472	48.655	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.300%
35) Dibromofluoromethane	5.385	113	111766	47.864	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.720%
50) Toluene-d8	8.647	98	416406	48.271	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.540%
62) 4-Bromofluorobenzene	11.079	95	170343	49.043	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.080%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.179	85	53	0.022	ug/l	# 42
3) Chloromethane	1.295	50	515	0.174	ug/l	# 75
4) Vinyl Chloride	1.374	62	103	0.041	ug/l	# 42
5) Bromomethane	1.624	94	260	0.192	ug/l	95
7) Trichlorofluoromethane	1.886	101	76	0.021	ug/l	# 37
9) 1,1,2-Trichlorotrifluo...	2.325	101	54	0.025	ug/l	# 19
12) 1,1-Dichloroethene	2.325	96	120	0.058	ug/l	# 73
14) Allyl chloride	2.660	41	121	0.027	ug/l	# 37
15) Acrylonitrile	3.087	53	333	0.263	ug/l	# 76
16) Acetone	2.398	43	1097	0.784	ug/l	98
18) Methyl Acetate	2.721	43	662	0.128	ug/l	# 60
21) trans-1,2-Dichloroethene	3.087	96	281	0.123	ug/l	# 69
23) Vinyl Acetate	3.745	43	514	0.083	ug/l	# 72
25) 2-Butanone	4.587	43	63	0.033	ug/l	# 51
27) cis-1,2-Dichloroethene	4.489	96	50	0.018	ug/l	# 29
29) Tetrahydrofuran	5.044	42	212	0.174	ug/l	# 42
30) Chloroform	5.087	83	116	0.024	ug/l	# 79
32) 1,1,1-Trichloroethane	5.416	97	19	0.005	ug/l	# 23
37) Ethyl Acetate	4.739	43	33	0.009	ug/l	# 70
39) Methylcyclohexane	7.385	83	178	0.041	ug/l	# 18
40) Benzene	6.050	78	165	0.016	ug/l	# 52
41) Methacrylonitrile	4.952	41	52	0.023	ug/l	# 24
42) 1,2-Dichloroethane	6.092	62	445	0.100	ug/l	# 75
43) Isopropyl Acetate	6.348	43	19	0.003	ug/l	# 62
44) Trichloroethene	7.129	130	257	0.098	ug/l	90
51) 4-Methyl-2-Pentanone	8.586	43	204	0.053	ug/l	# 37
52) Toluene	8.720	92	220	0.034	ug/l	84
53) t-1,3-Dichloropropene	8.976	75	134	0.034	ug/l	# 43
54) cis-1,3-Dichloropropene	8.373	75	49	0.012	ug/l	# 1
56) Ethyl methacrylate	9.116	69	21	0.005	ug/l	# 1
57) 1,3-Dichloropropane	9.311	76	72	0.016	ug/l	# 42
58) 2-Chloroethyl Vinyl ether	8.257	63	254	0.121	ug/l	# 47
59) 2-Hexanone	9.439	43	286	0.098	ug/l	# 60
60) Dibromochloromethane	9.275	129	84	0.034	ug/l	# 10
61) 1,2-Dibromoethane	9.628	107	88	0.033	ug/l	# 60
65) Chlorobenzene	10.080	112	355	0.052	ug/l	# 42

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Quant Time: May 19 05:47:12 2023
 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)
67) Ethyl Benzene	10.189	91	560	0.044	ug/l	95
68) m/p-Xylenes	10.299	106	395	0.083	ug/l	82
69) o-Xylene	10.634	106	132	0.028	ug/l	85
70) Styrene	10.653	104	386	0.051	ug/l #	80
73) Isopropylbenzene	10.964	105	538	0.045	ug/l #	61
74) N-amyl acetate	10.860	43	105	0.019	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	11.073	83	175	0.045	ug/l #	1
77) Bromobenzene	11.195	156	167	0.062	ug/l #	56
78) n-propylbenzene	11.305	91	907	0.065	ug/l	95
79) 2-Chlorotoluene	11.366	91	485	0.055	ug/l	89
80) 1,3,5-Trimethylbenzene	11.451	105	439	0.043	ug/l	88
82) 4-Chlorotoluene	11.451	91	820	0.081	ug/l	95
83) tert-Butylbenzene	11.707	119	481	0.049	ug/l #	83
84) 1,2,4-Trimethylbenzene	11.750	105	518	0.051	ug/l	92
85) sec-Butylbenzene	11.896	105	672	0.055	ug/l	99
86) p-Isopropyltoluene	12.006	119	740	0.073	ug/l #	25
87) 1,3-Dichlorobenzene	11.969	146	583	0.114	ug/l	86
88) 1,4-Dichlorobenzene	11.969	146	583	0.113	ug/l	86
89) n-Butylbenzene	12.329	91	1108	0.120	ug/l	99
91) 1,2-Dichlorobenzene	12.341	146	489	0.097	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	12.805	75	22	0.026	ug/l #	5
95) Naphthalene	13.774	128	1701	0.164	ug/l #	95

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

