

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034230.D
 Acq On : 22 Feb 2023 15:45
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 23 01:31:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	322855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	534229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	476873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	217172	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	189895	43.673	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.340%
35) Dibromofluoromethane	5.379	113	164624	47.328	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.660%
50) Toluene-d8	8.647	98	639062	51.172	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.340%
62) 4-Bromofluorobenzene	11.079	95	221031	46.271	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.540%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.172	85	19	0.007	ug/l #	43
3) Chloromethane	1.294	50	261	0.065	ug/l #	57
6) Chloroethane	1.703	64	20	0.011	ug/l #	42
12) 1,1-Dichloroethene	2.252	96	23	0.007	ug/l #	1
13) Acrolein	2.178	56	45	0.101	ug/l #	72
14) Allyl chloride	2.660	41	100	0.013	ug/l #	22
15) Acrylonitrile	3.093	53	59	0.028	ug/l #	18
17) Carbon Disulfide	2.514	76	649	0.065	ug/l #	76
18) Methyl Acetate	2.709	43	881	0.127	ug/l #	68
21) trans-1,2-Dichloroethene	3.209	96	25	0.007	ug/l #	1
22) Diisopropyl ether	3.818	45	19	0.001	ug/l #	24
23) Vinyl Acetate	3.696	43	222	0.021	ug/l #	72
25) 2-Butanone	4.538	43	181	0.056	ug/l #	51
26) 2,2-Dichloropropane	4.562	77	240	0.037	ug/l #	52
27) cis-1,2-Dichloroethene	4.495	96	23	0.005	ug/l #	1
29) Tetrahydrofuran	5.013	42	97	0.049	ug/l #	34
30) Chloroform	5.093	83	40	0.006	ug/l #	18
32) 1,1,1-Trichloroethane	5.556	97	20	0.003	ug/l #	1
37) Ethyl Acetate	4.733	43	209	0.036	ug/l #	68
39) Methylcyclohexane	7.537	83	24	0.004	ug/l #	71
41) Methacrylonitrile	4.934	41	233	0.073	ug/l #	37
42) 1,2-Dichloroethane	6.092	62	375	0.070	ug/l #	73
43) Isopropyl Acetate	6.367	43	112	0.011	ug/l #	61
48) Methyl methacrylate	7.696	41	24	0.005	ug/l #	1
52) Toluene	8.720	92	80	0.009	ug/l	83
54) cis-1,3-Dichloropropene	8.385	75	32	0.005	ug/l #	60
59) 2-Hexanone	9.421	43	172	0.040	ug/l #	24
60) Dibromochloromethane	9.281	129	22	0.005	ug/l #	11
65) Chlorobenzene	10.079	112	95	0.010	ug/l #	42
67) Ethyl Benzene	10.195	91	234	0.013	ug/l #	82
68) m/p-Xylenes	10.317	106	22	0.003	ug/l #	1
73) Isopropylbenzene	10.963	105	63	0.004	ug/l	79
74) N-amyl acetate	10.860	43	184	0.022	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	11.152	83	21	0.004	ug/l #	26
77) Bromobenzene	11.262	156	24	0.006	ug/l #	1
78) n-propylbenzene	11.305	91	295	0.015	ug/l #	51

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

79) 2-Chlorotoluene	11.372	91	139	0.012	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.469	105	76	0.005	ug/l #	27
82) 4-Chlorotoluene	11.463	91	206	0.015	ug/l #	43
84) 1,2,4-Trimethylbenzene	11.756	105	175	0.012	ug/l #	30
85) sec-Butylbenzene	11.896	105	119	0.007	ug/l #	54
86) p-Isopropyltoluene	12.018	119	183	0.013	ug/l #	1
87) 1,3-Dichlorobenzene	12.030	146	305	0.041	ug/l #	1
88) 1,4-Dichlorobenzene	12.030	146	305	0.040	ug/l #	1
89) n-Butylbenzene	12.329	91	123	0.010	ug/l #	32
90) Hexachloroethane	12.707	117	76	0.025	ug/l #	4
91) 1,2-Dichlorobenzene	12.335	146	48	0.007	ug/l #	61
92) 1,2-Dibromo-3-Chloropr...	12.920	75	43	0.032	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.597	180	129	0.027	ug/l #	37

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

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