

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
 Data File : VN081006.D
 Acq On : 12 Feb 2024 16:00
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 13 03:21:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.288	168	207813	50.000	ug/l	0.06
34) 1,4-Difluorobenzene	9.147	114	464757	50.000	ug/l	0.05
63) Chlorobenzene-d5	11.882	117	565344	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.800	152	289310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.636	65	193688	73.882	ug/l	0.06
Spiked Amount 50.000	Range 74 - 125		Recovery = 147.760%#			
35) Dibromofluoromethane	8.236	113	178346	71.513	ug/l	0.07
Spiked Amount 50.000	Range 75 - 124		Recovery = 143.020%#			
50) Toluene-d8	10.588	98	604192	66.979	ug/l	0.02
Spiked Amount 50.000	Range 86 - 113		Recovery = 133.960%#			
62) 4-Bromofluorobenzene	12.859	95	280475	85.590	ug/l	0.01
Spiked Amount 50.000	Range 83 - 123		Recovery = 171.180%#			
Target Compounds						
					Qvalue	
3) Chloromethane	2.495	50	291694	121.564	ug/l	93
5) Bromomethane	2.954	94	583	0.295	ug/l #	35
6) Chloroethane	3.277	64	4312	1.989	ug/l #	44
10) Methyl Iodide	4.777	142	10835	4.947	ug/l #	86
11) Tert butyl alcohol	5.724	59	10569	29.260	ug/l #	82
13) Acrolein	4.201	56	789	1.733	ug/l #	15
14) Allyl chloride	5.083	41	2248347	761.628	ug/l #	22
15) Acrylonitrile	5.742	53	362	0.367	ug/l #	77
18) Methyl Acetate	5.071	43	9109586	3796.833	ug/l #	54
22) Diisopropyl ether	6.789	45	2607	0.381	ug/l #	77
23) Vinyl Acetate	6.624	43	1236	0.274	ug/l #	75
25) 2-Butanone	7.512	43	2257	1.630	ug/l #	51
29) Tetrahydrofuran	7.900	42	899	1.062	ug/l #	56
31) Cyclohexane	8.283	56	6001	1.675	ug/l #	1
36) 1,1-Dichloropropene	8.288	75	18018	4.857	ug/l #	46
37) Ethyl Acetate	7.571	43	2398	0.854	ug/l #	92
38) Carbon Tetrachloride	8.283	117	22665	5.959	ug/l #	17
40) Benzene	8.671	78	3179	0.281	ug/l #	88
41) Methacrylonitrile	7.847	41	967	0.578	ug/l	95
42) 1,2-Dichloroethane	8.741	62	11387	2.896	ug/l	89
43) Isopropyl Acetate	8.724	43	1578	0.306	ug/l #	80
45) 1,2-Dichloropropane	9.635	63	658	0.216	ug/l #	39
48) Methyl methacrylate	9.724	41	3119	1.072	ug/l #	69
49) 1,4-Dioxane	9.877	88	853455	15892.381	ug/l #	72
51) 4-Methyl-2-Pentanone	10.512	43	709	0.228	ug/l #	1
52) Toluene	10.706	92	7337	0.970	ug/l	96
56) Ethyl methacrylate	10.894	69	10668	3.050	ug/l #	1
57) 1,3-Dichloropropane	11.224	76	5195	1.095	ug/l #	43
59) 2-Hexanone	11.224	43	6290	2.668	ug/l	81
67) Ethyl Benzene	12.000	91	8723	0.427	ug/l #	75
68) m/p-Xylenes	12.094	106	11788	1.520	ug/l	89
70) Styrene	12.453	104	5959	0.528	ug/l #	24
74) N-amyl acetate	12.471	43	3699	0.456	ug/l #	58
76) 1,2,3-Trichloropropane	12.859	75	148641	25.198	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.188	105	5507	0.301	ug/l	81
81) trans-1,4-Dichloro-2-b...	12.688	75	29965	13.801	ug/l #	33

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	14.047	91	81081	5.185	ug/l #	42
92) 1,2-Dibromo-3-Chloropr...	14.447	75	370	0.283	ug/l	71

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

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