

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077629.D
 Acq On : 09 May 2023 13:22
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 09 13:50:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 09 13:43:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	489563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	880824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	757929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	266417	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	300210	48.352	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.700%
35) Dibromofluoromethane	8.172	113	275161	50.089	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.180%
50) Toluene-d8	10.572	98	1065908	51.249	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.500%
62) 4-Bromofluorobenzene	12.854	95	325383	46.255	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.500%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.125	85	1586	0.290 ug/l	#	71
3) Chloromethane	2.372	50	3366	Below Cal	#	85
4) Vinyl Chloride	2.531	62	1385	0.212 ug/l	#	42
5) Bromomethane	2.984	94	3647	0.704 ug/l	#	72
12) 1,1-Dichloroethene	4.354	96	1224	0.252 ug/l	#	66
13) Acrolein	4.190	56	1493	2.109 ug/l	#	77
15) Acrylonitrile	5.731	53	4693	2.598 ug/l	#	80
16) Acetone	4.454	43	1763	1.196 ug/l	#	40
17) Carbon Disulfide	4.719	76	11730	1.004 ug/l	#	81
18) Methyl Acetate	5.049	43	2862	0.490 ug/l	#	70
20) Methylene Chloride	5.284	84	3983	0.652 ug/l	#	83
21) trans-1,2-Dichloroethene	5.796	96	1294	0.235 ug/l		95
23) Vinyl Acetate	6.613	43	1047	6.344 ug/l	#	62
25) 2-Butanone	7.495	43	1361	0.632 ug/l	#	73
27) cis-1,2-Dichloroethene	7.495	96	1685	0.252 ug/l		89
29) Tetrahydrofuran	7.866	42	1129	0.853 ug/l	#	76
31) Cyclohexane	8.231	56	10535	1.328 ug/l	#	3
37) Ethyl Acetate	7.560	43	889	0.205 ug/l	#	72
38) Carbon Tetrachloride	8.225	117	55516	6.703 ug/l	#	16
42) 1,2-Dichloroethane	8.684	62	1817	0.236 ug/l	#	73
44) Trichloroethene	9.354	130	1855	0.308 ug/l		93
49) 1,4-Dioxane	9.701	88	230	2.168 ug/l	#	81
51) 4-Methyl-2-Pentanone	10.448	43	2315	0.518 ug/l		98
53) t-1,3-Dichloropropene	10.842	75	1664	0.213 ug/l	#	75
58) 2-Chloroethyl Vinyl ether	10.166	63	950	4.180 ug/l	#	73
59) 2-Hexanone	11.201	43	3583	1.134 ug/l		77
61) 1,2-Dibromoethane	11.472	107	1522	0.262 ug/l		90
64) Tetrachloroethene	11.113	164	1559	0.346 ug/l	#	55
65) Chlorobenzene	11.889	112	5546	0.356 ug/l	#	81
67) Ethyl Benzene	11.972	91	5496	0.201 ug/l	#	70
68) m/p-Xylenes	12.083	106	4407	0.407 ug/l		91
70) Styrene	12.419	104	4435	0.267 ug/l		98
74) N-amyl acetate	12.495	43	1448	0.276 ug/l	#	77
75) 1,1,2,2-Tetrachloroethane	12.942	83	1682	0.257 ug/l	#	94
76) 1,2,3-Trichloropropane	12.854	75	167617	30.487 ug/l	#	1
77) Bromobenzene	12.983	156	3325	0.632 ug/l		72

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

78) n-propylbenzene	13.042	91	7751	0.304	ug/l	93
79) 2-Chlorotoluene	13.130	91	5383	0.331	ug/l	95
80) 1,3,5-Trimethylbenzene	13.177	105	3874	0.213	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.854	75	167617	97.076	ug/l #	15
82) 4-Chlorotoluene	13.230	91	8524	0.559	ug/l	92
84) 1,2,4-Trimethylbenzene	13.501	105	4837	0.283	ug/l	91
85) sec-Butylbenzene	13.619	105	6016	0.262	ug/l	94
86) p-Isopropyltoluene	13.736	119	4806	0.267	ug/l	92
87) 1,3-Dichlorobenzene	13.742	146	6749	0.738	ug/l	97
88) 1,4-Dichlorobenzene	13.742	146	6749	0.742	ug/l	96
89) n-Butylbenzene	14.054	91	6937	0.487	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	6989	0.768	ug/l #	77
92) 1,2-Dibromo-3-Chloropr...	14.730	75	604	0.522	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.389	180	6998	6.217	ug/l	96
94) Hexachlorobutadiene	15.501	225	1916	0.986	ug/l	68
95) Naphthalene	15.642	128	27884	6.616	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.842	180	9038	6.772	ug/l	84

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

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