

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075669.D
 Acq On : 09 Dec 2022 14:57
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 12 05:20:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	209542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	340931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	297653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	115192	51.811	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.620%			
35) Dibromofluoromethane	8.171	113	105260	50.604	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.200%			
50) Toluene-d8	10.570	98	389473	49.858	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.720%			
62) 4-Bromofluorobenzene	12.853	95	124765	46.714	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	381	0.247	ug/l #	43
3) Chloromethane	2.377	50	789	0.430	ug/l	88
4) Vinyl Chloride	2.524	62	512	0.227	ug/l #	53
5) Bromomethane	2.936	94	1257	0.654	ug/l	95
7) Trichlorofluoromethane	3.494	101	922	0.282	ug/l	99
11) Tert butyl alcohol	5.512	59	1638	4.980	ug/l #	72
13) Acrolein	4.177	56	290	0.766	ug/l #	81
15) Acrylonitrile	5.718	53	420	0.494	ug/l #	18
16) Acetone	4.453	43	1335	1.773	ug/l	97
17) Carbon Disulfide	4.724	76	3138	0.661	ug/l #	70
18) Methyl Acetate	5.053	43	2006	0.829	ug/l #	61
20) Methylene Chloride	5.277	84	1231	0.548	ug/l #	78
21) trans-1,2-Dichloroethene	5.794	96	678	0.338	ug/l #	30
23) Vinyl Acetate	6.618	43	2435	0.628	ug/l #	65
25) 2-Butanone	7.500	43	1620	1.472	ug/l #	82
27) cis-1,2-Dichloroethene	7.488	96	552	0.227	ug/l	85
29) Tetrahydrofuran	7.835	42	272	0.401	ug/l #	65
31) Cyclohexane	8.229	56	4285	1.302	ug/l #	42
36) 1,1-Dichloropropene	8.377	75	1068	0.387	ug/l #	45
38) Carbon Tetrachloride	8.229	117	20579	6.457	ug/l #	16
39) Methylcyclohexane	9.600	83	1290	0.368	ug/l #	83
40) Benzene	8.606	78	1808	0.213	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	593	0.209	ug/l #	71
44) Trichloroethene	9.359	130	821	0.343	ug/l	48
48) Methyl methacrylate	9.688	41	436	0.256	ug/l #	49
49) 1,4-Dioxane	9.700	88	235	5.670	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	2283	1.000	ug/l	90
52) Toluene	10.635	92	1552	0.277	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	706	0.217	ug/l #	66
58) 2-Chloroethyl Vinyl ether	10.159	63	523	0.593	ug/l #	41
59) 2-Hexanone	11.200	43	3516	2.120	ug/l	91
64) Tetrachloroethene	11.106	164	857	0.395	ug/l #	76
65) Chlorobenzene	11.894	112	2898	0.473	ug/l	98
67) Ethyl Benzene	11.965	91	3445	0.333	ug/l	90
68) m/p-Xylenes	12.076	106	3094	0.739	ug/l	95
69) o-Xylene	12.406	106	1236	0.304	ug/l	97

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

70) Styrene	12.412	104	2505	0.384	ug/l	94
73) Isopropylbenzene	12.700	105	3216	0.338	ug/l	99
74) N-amyl acetate	12.494	43	1507	0.545	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.947	83	889	0.311	ug/l #	87
77) Bromobenzene	12.982	156	1416	0.592	ug/l	91
78) n-propylbenzene	13.035	91	5252	0.497	ug/l	97
79) 2-Chlorotoluene	13.129	91	3553	0.545	ug/l	95
80) 1,3,5-Trimethylbenzene	13.170	105	3181	0.400	ug/l	96
82) 4-Chlorotoluene	13.129	91	3553	0.545	ug/l	95
83) tert-Butylbenzene	13.441	119	2920	0.405	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	3801	0.475	ug/l	96
85) sec-Butylbenzene	13.617	105	4548	0.459	ug/l	92
86) p-Isopropyltoluene	13.735	119	3622	0.436	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	4211	0.941	ug/l	92
88) 1,4-Dichlorobenzene	13.735	146	4211	0.925	ug/l	91
89) n-Butylbenzene	14.059	91	5408	0.813	ug/l	95
90) Hexachloroethane	14.335	117	318	0.224	ug/l #	10
91) 1,2-Dichlorobenzene	14.106	146	3992	0.896	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	341	0.726	ug/l	70
93) 1,2,4-Trichlorobenzene	15.400	180	5150	2.409	ug/l	93
94) Hexachlorobutadiene	15.500	225	895	0.738	ug/l	86
95) Naphthalene	15.641	128	22327	3.533	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	5866	2.792	ug/l	93

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

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