

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074873.D
 Acq On : 12 Oct 2022 12:38
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 13 07:54:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:52:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	75218	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	428445	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	362416	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	222403	31.582	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 105.267%	
60) 4-Bromofluorobenzene	12.853	95	159712	24.850	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 82.833%	
63) Toluene-d8	10.571	98	651295	31.137	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 103.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	2050	0.491	ug/l #	41
6) Chloroethane	2.965	64	6270	0.840	ug/l	96
10) 1,1-Dichloroethene	4.359	96	1466	0.319	ug/l #	46
12) Methyl Acetate	5.065	43	10919	0.987	ug/l #	86
13) Acrolein	4.224	56	1453	0.929	ug/l	99
14) Acrylonitrile	5.741	53	3220	0.780	ug/l	84
15) Acetone	4.471	58	584	0.516	ug/l #	19
16) Carbon Disulfide	4.742	76	16409	1.391	ug/l	98
18) Methylene Chloride	5.294	84	3428	0.576	ug/l #	16
19) trans-1,2-Dichloroethene	5.806	96	3496	0.694	ug/l #	54
23) tert-Butyl Alcohol	5.536	59	984	0.566	ug/l #	100
26) Cyclohexane	8.265	56	2782	0.292	ug/l #	65
29) 1,1-Dichloropropene	8.377	75	3786	0.490	ug/l	73
30) 2-Butanone	7.500	43	1239	0.201	ug/l #	82
35) Methacrylonitrile	7.783	41	1691	0.267	ug/l #	43
37) Trichloroethene	9.359	130	1311	0.247	ug/l #	21
38) Methylcyclohexane	9.612	83	4217	0.449	ug/l #	28
40) Dibromomethane	9.712	93	1183	0.269	ug/l	75
42) Vinyl Acetate	6.624	43	5613	0.305	ug/l #	90
45) 1,4-Dioxane	9.700	88	965	5.675	ug/l #	50
48) t-1,3-Dichloropropene	10.841	75	2934	0.299	ug/l #	76
54) 1,2-Dibromoethane	11.476	107	2013	0.324	ug/l #	30
55) 2-Chloroethyl vinyl ether	10.171	63	2731	0.636	ug/l	96
56) Bromoform	12.582	173	1359	0.298	ug/l #	83
58) 4-Methyl-2-Pentanone	10.453	43	6542	0.580	ug/l	99
59) 2-Hexanone	11.206	43	19454	2.243	ug/l #	36
61) Tetrachloroethene	11.100	164	2360	0.611	ug/l #	56
62) Toluene	10.624	91	9818	0.392	ug/l	88
64) Chlorobenzene	11.888	112	8799	0.618	ug/l #	75
66) Ethyl Benzene	12.070	91	14013	0.515	ug/l	93
67) m/p-Xylenes	12.076	106	6024	0.589	ug/l	82
68) o-Xylene	12.076	106	6024	0.579	ug/l	90
69) Styrene	12.412	104	6829	0.401	ug/l #	79
70) Isopropylbenzene	12.700	105	9223	0.344	ug/l	94
71) 1,1,2,2-Tetrachloroethane	12.941	83	3985	0.397	ug/l	90
72) 1,2,3-Trichloropropane	12.988	75	4972	0.590	ug/l #	1
73) Bromobenzene	12.988	156	3489	0.621	ug/l	76
74) n-propylbenzene	13.041	91	17338	0.555	ug/l	95
75) 2-Chlorotoluene	13.129	91	10686	0.584	ug/l	86

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76) 1,3,5-Trimethylbenzene	13.170	105	9474	0.435	ug/l	77
78) 4-Chlorotoluene	13.229	91	13794	0.790	ug/l	100
79) tert-butylbenzene	13.435	119	7849	0.405	ug/l	85
80) 1,2,4-Trimethylbenzene	13.488	105	10812	0.493	ug/l	93
81) sec-Butylbenzene	13.623	105	15021	0.539	ug/l	92
82) p-Isopropyltoluene	13.735	119	11879	0.537	ug/l	84
83) 1,3-Dichlorobenzene	13.741	146	11698	1.067	ug/l	89
84) 1,4-Dichlorobenzene	13.817	146	11492	1.091	ug/l	95
85) n-Butylbenzene	14.059	91	14541	0.744	ug/l	98
86) Hexachloroethane	14.341	117	1983	0.457	ug/l	63
87) 1,2-Dichlorobenzene	14.106	146	8631	0.793	ug/l	87
88) 1,2-Dibromo-3-Chloropr...	14.723	75	1245	0.615	ug/l #	32
89) 1,2,4-Trichlorobenzene	15.841	180	18584	3.738	ug/l	98
90) Hexachlorobutadiene	15.500	225	3089	1.274	ug/l	63
91) Naphthalene	15.641	128	105071	5.326	ug/l #	78
92) 1,2,3-Trichlorobenzene	15.841	180	21393	4.113	ug/l	96

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

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