

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
 Data File : VN074357.D
 Acq On : 08 Sep 2022 14:24
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/09/2022
 Supervised By : Mahesh Dadoda 09/09/2022

Quant Time: Sep 09 05:27:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 09 05:24:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.580	128	69480	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	414918	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	343468	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	225245	31.575	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.267%
60) 4-Bromofluorobenzene	12.674	95	183326	26.690	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.967%
63) Toluene-d8	10.380	98	600513	31.127	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.767%
Target Compounds						
					Qvalue	
16) Carbon Disulfide	4.457	76	19523	1.471	ug/l	96
18) Methylene Chloride	5.010	84	5227m	0.887	ug/l	
37) Trichloroethene	9.145	130	2714	0.466	ug/l #	52
55) 2-Chloroethyl vinyl ether	9.980	63	4811	0.876	ug/l	97
56) Bromoform	12.404	173	1177	0.224	ug/l #	86
61) Tetrachloroethene	10.916	164	1681	0.394	ug/l #	78
62) Toluene	10.445	91	6634	0.267	ug/l	98
64) Chlorobenzene	11.716	112	6173	0.420	ug/l	94
66) Ethyl Benzene	11.786	91	7693	0.280	ug/l	94
67) m/p-Xylenes	11.904	106	6996	0.668	ug/l	89
69) Styrene	12.239	104	6727	0.380	ug/l #	88
70) Isopropylbenzene	12.521	105	6060	0.218	ug/l #	82
71) 1,1,2,2-Tetrachloroethane	12.774	83	3415	0.353	ug/l #	63
73) Bromobenzene	12.804	156	2957	0.491	ug/l	65
74) n-propylbenzene	12.863	91	11926	0.370	ug/l	96
75) 2-Chlorotoluene	12.945	91	8032	0.417	ug/l	97
76) 1,3,5-Trimethylbenzene	12.998	105	6823	0.292	ug/l	87
78) 4-Chlorotoluene	13.045	91	9572	0.505	ug/l	95
80) 1,2,4-Trimethylbenzene	13.310	105	7352	0.313	ug/l #	78
81) sec-Butylbenzene	13.445	105	7693	0.266	ug/l	95
82) p-Isopropyltoluene	13.557	119	7532	0.315	ug/l	92
83) 1,3-Dichlorobenzene	13.562	146	9597	0.848	ug/l	83
84) 1,4-Dichlorobenzene	13.639	146	9344	0.833	ug/l	95
85) n-Butylbenzene	13.886	91	9958	0.474	ug/l	92
87) 1,2-Dichlorobenzene	13.927	146	6291	0.537	ug/l	82
89) 1,2,4-Trichlorobenzene	15.204	180	11712m	1.914	ug/l	
91) Naphthalene	15.433	128	70393	2.869	ug/l	97
92) 1,2,3-Trichlorobenzene	15.633	180	14630	2.354	ug/l	66

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

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