Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
Data File : VN084618.D
Acq On : 31 Oct 2024 14:08
Operator : JC\MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Quant Time: Nov 01 02:41:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 01 02:38:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.806	128	32407	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.100	114	173145	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.865	117	152051	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.577	65	76607	29.404	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 98.000%				
60) 4-Bromofluorobenzene	12.847	95	68530	26.176	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 87.267%				
63) Toluene-d8	10.565	98	208685	28.992	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.633%				
Target Compounds							Qvalue
16) Carbon Disulfide	4.695	76	12188	2.193	ug/l	#	93
40) Dibromomethane	9.706	93	1044	0.719	ug/l		70
41) Bromodichloromethane	9.883	83	863	0.277	ug/l	#	93
42) Vinyl Acetate	6.589	43	1394	0.310	ug/l	#	71
44) Isopropyl Acetate	8.683	43	1853	0.362	ug/l	#	50
45) 1,4-Dioxane	9.712	88	172	5.033	ug/l	#	1
47) n-amyl Acetate	12.488	43	1843	0.482	ug/l		90
48) t-1,3-Dichloropropene	10.835	75	4378	1.425	ug/l		97
49) cis-1,3-Dichloropropene	10.306	75	2563	0.778	ug/l	#	93
50) 1,1,2-Trichloroethane	11.012	97	520	0.267	ug/l	#	81
51) Ethyl methacrylate	10.571	69	821	0.274	ug/l		75
52) 1,3-Dichloropropane	11.153	76	1508	0.446	ug/l		76
53) Dibromochloromethane	11.365	129	1220	0.535	ug/l		89
54) 1,2-Dibromoethane	11.471	107	1581	0.803	ug/l		95
55) 2-Chloroethyl vinyl ether	10.159	63	1976	1.343	ug/l	#	90
56) Bromoform	12.576	173	841	0.551	ug/l	#	89
58) 4-Methyl-2-Pentanone	10.441	43	1597	0.666	ug/l	#	56
59) 2-Hexanone	11.194	43	2747	1.564	ug/l	#	81
61) Tetrachloroethene	11.100	164	1744	1.096	ug/l		89
62) Toluene	10.630	91	4835	0.558	ug/l		96
64) Chlorobenzene	11.888	112	8217	1.572	ug/l		93
65) 1,1,1,2-Tetrachloroethane	11.959	131	702	0.365	ug/l		78
66) Ethyl Benzene	11.965	91	7608	0.836	ug/l		96
67) m/p-Xylenes	12.071	106	6437	1.847	ug/l		88
68) o-Xylene	12.400	106	2091	0.622	ug/l		97
69) Styrene	12.412	104	7556	1.341	ug/l		93
70) Isopropylbenzene	12.694	105	6248	0.748	ug/l		91
71) 1,1,2,2-Tetrachloroethane	12.941	83	1286	0.475	ug/l	#	80
72) 1,2,3-Trichloropropane	12.982	75	2252	0.974	ug/l		1
73) Bromobenzene	12.976	156	4289	1.992	ug/l		87
74) n-propylbenzene	13.035	91	13104	1.342	ug/l		98
75) 2-Chlorotoluene	13.123	91	8203	1.290	ug/l		100
76) 1,3,5-Trimethylbenzene	13.171	105	6086	0.853	ug/l		92
77) t-1,4-Dichloro-2-butene	12.735	75	800	0.844	ug/l		86
78) 4-Chlorotoluene	13.218	91	14028	2.184	ug/l		97
79) tert-butylbenzene	13.435	119	4301	0.729	ug/l		92
80) 1,2,4-Trimethylbenzene	13.482	105	6845	0.951	ug/l		98
81) sec-Butylbenzene	13.612	105	9474	1.165	ug/l		98
82) p-Isopropyltoluene	13.729	119	8698	1.273	ug/l		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
83) 1,3-Dichlorobenzene	13.735	146	10696	2.686	ug/l		96
84) 1,4-Dichlorobenzene	13.812	146	13085	3.325	ug/l		98
85) n-Butylbenzene	14.059	91	14609	2.546	ug/l		97
86) Hexachloroethane	14.323	117	578	0.414	ug/l	#	15
87) 1,2-Dichlorobenzene	14.106	146	7065	1.800	ug/l		94
88) 1,2-Dibromo-3-Chloropr...	14.723	75	873	1.672	ug/l	#	67
89) 1,2,4-Trichlorobenzene	15.841	180	9046	4.734	ug/l		92
90) Hexachlorobutadiene	15.500	225	4075	4.882	ug/l		94
91) Naphthalene	15.635	128	22853	3.745	ug/l		100
92) 1,2,3-Trichlorobenzene	15.841	180	9046	4.734	ug/l		92

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

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