Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092722\
Data File : VN074627.D
Acq On : 27 Sep 2022 14:05
Operator : JC\MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 28 07:54:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 28 07:48:31 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Manual Integrations APPROVED

Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.498	128	129283	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	8.828	114	773847	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.622	117	632618	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.286	65	371054	30.439	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.467%				
60) 4-Bromofluorobenzene	12.610	95	307726	25.042	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 83.467%				
63) Toluene-d8	10.310	98	1139202	31.926	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 106.433%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.005	85	2965	0.390	ug/l		80
37) Trichloroethene	9.075	130	4613	0.454	ug/l		82
40) Dibromomethane	9.439	93	3201	0.392	ug/l		71
47) n-amyl Acetate	12.269	43	17867	0.563	ug/l	#	87
55) 2-Chloroethyl vinyl ether	9.916	63	4353	0.503	ug/l	#	79
56) Bromoform	12.339	173	2116	0.216	ug/l	#	71
58) 4-Methyl-2-Pentanone	10.210	43	12796	0.652	ug/l	#	96
59) 2-Hexanone	10.963	43	27181	1.788	ug/l		91
61) Tetrachloroethene	10.845	164	4684	0.664	ug/l	#	52
62) Toluene	10.386	91	14026	0.303	ug/l		97
64) Chlorobenzene	11.645	112	14129	0.532	ug/l		89
66) Ethyl Benzene	11.716	91	16741	0.340	ug/l		93
67) m/p-Xylenes	11.822	106	13540	0.686	ug/l		97
68) o-Xylene	12.151	106	5760	0.286	ug/l		75
69) Styrene	12.174	104	14092	0.417	ug/l		91
71) 1,1,2,2-Tetrachloroethane	12.710	83	6832m	0.375	ug/l		
74) n-propylbenzene	12.798	91	26821	0.464	ug/l		95
75) 2-Chlorotoluene	12.880	91	14793	0.422	ug/l		76
76) 1,3,5-Trimethylbenzene	12.939	105	13275	0.307	ug/l		89
78) 4-Chlorotoluene	12.980	91	15819	0.450	ug/l		74
79) tert-butylbenzene	13.198	119	12017	0.318	ug/l		91
80) 1,2,4-Trimethylbenzene	13.245	105	19419	0.455	ug/l		91
81) sec-Butylbenzene	13.374	105	18515	0.346	ug/l		89
82) p-Isopropyltoluene	13.486	119	18216	0.413	ug/l		93
83) 1,3-Dichlorobenzene	13.492	146	16874	0.797	ug/l		93
84) 1,4-Dichlorobenzene	13.574	146	18840	0.894	ug/l		93
85) n-Butylbenzene	13.821	91	26233	0.698	ug/l		97
86) Hexachloroethane	14.092	117	3974	0.468	ug/l		62
87) 1,2-Dichlorobenzene	13.863	146	14827	0.684	ug/l		97
89) 1,2,4-Trichlorobenzene	15.127	180	25833	2.858	ug/l		97
90) Hexachlorobutadiene	15.233	225	4554m	1.144	ug/l		
91) Naphthalene	15.362	128	174641	4.606	ug/l		98
92) 1,2,3-Trichlorobenzene	15.551	180	34204	3.774	ug/l		89

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

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