Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
Data File : VX035120.D
Acq On : 18 Apr 2023 14:00
Operator : JC/MD
Sample : VIBLK624
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VIBLK624

Quant Time: Apr 19 00:45:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 19 00:39:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	490172	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	427785	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	199589	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	165385	52.327	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.660%			
7) Chloroethane-d5	1.672	69	122353	53.573	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.140%			
11) 1,1-Dichloroethene-d2	2.306	65	79390	52.496	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.000%			
21) 2-Butanone-d5	4.465	46	228416	108.448	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.450%			
24) Chloroform-d	5.056	84	302392	50.804	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.600%			
26) 1,2-Dichloroethane-d4	5.952	65	200424	52.436	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.880%			
32) Benzene-d6	5.970	84	651701	53.033	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.060%			
36) 1,2-Dichloropropane-d6	7.306	67	199770	53.219	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.440%			
41) Toluene-d8	8.647	98	592987	52.800	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.600%			
43) trans-1,3-Dichloroprop...	8.952	79	86175	52.531	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.060%			
47) 2-Hexanone-d5	9.384	63	161491	107.132	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.130%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	239672	52.135	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.280%			
66) 1,2-Dichlorobenzene-d4	12.323	152	207979	53.772	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.540%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	2265	0.653	ug/L #	1
14) Carbon disulfide	2.514	76	14699	2.032	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	2833	0.939	ug/L	90
35) Methylcyclohexane	7.379	83	6369	1.372	ug/L	95
53) m,p-Xylene	10.305	106	2952	0.519	ug/L	89
60) Isopropylbenzene	10.963	105	11131	0.820	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	16981	1.530	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	13779	1.249	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	6490	1.049	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	7231	1.142	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	5370	0.856	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	22950	6.405	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	21592	6.104	ug/L	97

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

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