Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021422\
Data File : VX027013.D
Acq On : 14 Feb 2022 12:06
Operator : JC/MD
Sample : VIBLK624
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VIBLK624

Quant Time: Feb 15 05:19:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM021422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 15 05:10:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	116138	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	110784	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	53435	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	53337	51.739	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.480%			
7) Chloroethane-d5	1.672	69	39222	59.296	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 118.600%			
11) 1,1-Dichloroethene-d2	2.313	63	83760	42.375	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.740%			
21) 2-Butanone-d5	4.459	46	82363	115.021	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 115.020%			
24) Chloroform-d	5.062	84	101870	52.621	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.240%			
26) 1,2-Dichloroethane-d4	5.958	65	67451	53.760	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.520%			
32) Benzene-d6	5.977	84	211731	53.054	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.100%			
36) 1,2-Dichloropropane-d6	7.312	67	63833	53.846	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.700%			
41) Toluene-d8	8.653	98	194636	53.304	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.600%			
43) trans-1,3-Dichloroprop...	8.952	79	28509	52.745	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.480%			
47) 2-Hexanone-d5	9.384	63	57729	112.639	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.640%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	76459	54.574	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 109.140%			
66) 1,2-Dichlorobenzene-d4	12.323	152	67663	55.745	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	946	0.759	ug/L	94
6) Bromomethane	1.618	94	713	1.699	ug/L	98
14) Carbon disulfide	2.514	76	5684	2.361	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	1017	1.183	ug/L	74
35) Methylcyclohexane	7.385	83	1333	0.861	ug/L	93
42) Toluene	8.720	91	5610	1.460	ug/L	96
52) Ethylbenzene	10.195	91	3055	0.739	ug/L	99
53) m,p-Xylene	10.305	106	1449	0.889	ug/L	88
55) Styrene	10.659	104	1886	0.714	ug/L	92
60) Isopropylbenzene	10.963	105	3103	0.804	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	2274	0.854	ug/L	95
63) 1,2,4-Trimethylbenzene	11.750	105	3050	0.943	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	2186	1.273	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	2580	1.493	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	2063	1.242	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.116	180	2149	1.821	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	2248	2.158	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	2252	2.162	ug/L	95

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

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

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