Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011824\
Data File : VU057562.D
Acq On : 18 Jan 2024 16:42
Operator : MD/SY
Sample : VIBLK042
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK042

Quant Time: Jan 19 01:56:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM011824WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 19 01:50:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	435848	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	606880	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	235813	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	256725	58.657	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 117.320%			
7) Chloroethane-d5	1.914	69	207432	61.330	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 122.660%			
11) 1,1-Dichloroethene-d2	2.557	63	364801	46.232	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.460%			
21) 2-Butanone-d5	4.637	46	216849	115.582	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 115.580%			
24) Chloroform-d	5.055	84	318481	47.367	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.740%			
26) 1,2-Dichloroethane-d4	5.695	65	205192	49.214	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.420%			
32) Benzene-d6	5.721	84	648332	38.408	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.820%			
36) 1,2-Dichloropropane-d6	6.685	67	207691	33.231	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 66.460%#			
41) Toluene-d8	7.894	98	793703	45.873	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.740%			
43) trans-1,3-Dichloroprop...	8.177	79	138674	44.585	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.180%			
47) 2-Hexanone-d5	8.656	63	180781	88.386	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.390%			
56) 1,1,2,2-Tetrachloroeth...	10.759	84	380576	46.601	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.200%			
66) 1,2-Dichlorobenzene-d4	12.193	152	253475	55.310	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.620%			
Target Compounds						Qvalue
6) Bromomethane	1.859	94	5825	2.464	ug/L	94
14) Carbon disulfide	2.785	76	39114	3.082	ug/L	99
17) trans-1,2-Dichloroethene	3.348	96	5791	1.528	ug/L	89
64) 1,3-Dichlorobenzene	11.746	146	12635	1.625	ug/L	92
65) 1,4-Dichlorobenzene	11.836	146	16350	2.062	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	14375	1.961	ug/L #	91
68) 1,2-Dibromo-3-chloropr...	13.000	75	2029	1.670	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	27528	6.737	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	34113	9.216	ug/L	99

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

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