Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031524\
Data File : VV034655.D
Acq On : 15 Mar 2024 15:54
Operator : SY/MD
Sample : P1752-22
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 15 23:35:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 23:30:32 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
YCL31

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	339721	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	314079	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	145120	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	102617	34.844	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.680%		
7) Chloroethane-d5	1.532	69	91994	40.095	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.200%		
11) 1,1-Dichloroethene-d2	2.059	65	49770	37.368	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.740%		
21) 2-Butanone-d5	3.793	46	188883	95.906	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.910%		
24) Chloroform-d	4.249	84	214930	41.276	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.560%		
26) 1,2-Dichloroethane-d4	4.940	65	148184	43.549	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.100%		
32) Benzene-d6	4.960	84	410620	43.319	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.640%		
36) 1,2-Dichloropropane-d6	5.989	67	130045	44.955	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.900%		
41) Toluene-d8	7.243	98	351130	40.934	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.860%		
43) trans-1,3-Dichloroprop...	7.554	79	59015	40.625	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.260%		
47) 2-Hexanone-d5	8.024	63	129395	89.575	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.580%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	182922	48.050	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.100%		
66) 1,2-Dichlorobenzene-d4	11.561	152	137178	46.246	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.500%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	265396	104.330	ug/L #	81
13) Acetone	2.121	43	609984	257.638	ug/L	99
19) 1,1-Dichloroethane	3.111	63	63585	13.183	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	56837	21.276	ug/L	95
22) 2-Butanone	3.902	43	36766m	15.726	ug/L	
30) 1,1,1-Trichloroethane	4.513	97	29063	6.453	ug/L	99
34) Trichloroethene	5.837	95	17989	6.491	ug/L	99

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

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