Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037060.D
Acq On : 27 Aug 2024 03:57
Operator : SY/MD
Sample : P3691-15
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Aug 27 04:21:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 27 03:16:59 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
E1K61

Manual Integrations APPROVED

Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	559033	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	548134	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	260866	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	563847m	110.260	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 220.520%#			
7) Chloroethane-d5	1.532	69	180549	45.682	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.360%			
11) 1,1-Dichloroethene-d2	2.056	65	98151	45.665	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.340%			
21) 2-Butanone-d5	3.815	46	237567	119.964	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 119.960%			
24) Chloroform-d	4.243	84	413215	51.629	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.260%			
26) 1,2-Dichloroethane-d4	4.937	65	264792	52.536	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.080%			
32) Benzene-d6	4.953	84	826967	49.950	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.900%			
36) 1,2-Dichloropropane-d6	5.985	67	269350	51.943	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.880%			
41) Toluene-d8	7.239	98	744178	49.805	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.620%			
43) trans-1,3-Dichloroprop...	7.551	79	102990	42.930	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.860%			
47) 2-Hexanone-d5	8.024	63	140800	99.490	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.490%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	324812	51.648	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.300%			
66) 1,2-Dichlorobenzene-d4	11.554	152	270506	51.775	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.560%			
Target Compounds						Qvalue
5) Vinyl chloride	1.272	62	19274716m	3864.622	ug/L	
12) 1,1-Dichloroethene	2.069	96	189260	51.892	ug/L	98
13) Acetone	2.111	43	63183	29.749	ug/L	97
14) Carbon disulfide	2.246	76	82291m	7.432	ug/L	
15) Methyl Acetate	2.371	43	127782	35.887	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	72429	19.130	ug/L	99
20) cis-1,2-Dichloroethene	3.789	96	30232685m	7226.154	ug/L	
22) 2-Butanone	3.899	43	26464m	11.317	ug/L	

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

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