Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121523\
Data File : VV033422.D
Acq On : 16 Dec 2023 10:15
Operator : SY/MD
Sample : 05846-14DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Dec 16 20:25:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 16 20:24:09 2023
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
YCHD5DL

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	211270	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	223384	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	93800	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	79244	48.707	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.420%			
7) Chloroethane-d5	1.532	69	70656	48.392	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.780%			
11) 1,1-Dichloroethene-d2	2.060	65	37691	46.538	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.080%			
21) 2-Butanone-d5	3.783	46	72022	87.834	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.830%			
24) Chloroform-d	4.246	84	154907	48.133	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.260%			
26) 1,2-Dichloroethane-d4	4.937	65	99973	50.567	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.140%			
32) Benzene-d6	4.957	84	289285	48.082	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.160%			
36) 1,2-Dichloropropane-d6	5.986	67	88978	48.729	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.460%			
41) Toluene-d8	7.243	98	245217	44.543	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.080%			
43) trans-1,3-Dichloroprop...	7.551	79	39379	44.004	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.000%			
47) 2-Hexanone-d5	8.024	63	48644	79.203	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 79.200%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	117097	44.618	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.240%			
66) 1,2-Dichlorobenzene-d4	11.561	152	97474	55.300	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	2751	1.606	ug/L #	23
12) 1,1-Dichloroethene	2.069	96	57235	38.444	ug/L	94
13) Acetone	2.114	43	4197	4.410	ug/L	89
19) 1,1-Dichloroethane	3.111	63	4924	1.826	ug/L #	87
20) cis-1,2-Dichloroethene	3.812	96	7282	4.564	ug/L	95
27) 1,2-Dichloroethane	5.053	62	4519	1.932	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	9699	3.517	ug/L #	78
34) Trichloroethene	5.841	95	5369m	3.287	ug/L	

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

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