Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121523\
Data File : VV033423.D
Acq On : 16 Dec 2023 10:38
Operator : SY/MD
Sample : 05846-15DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Dec 16 20:25:56 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 :
YCHD6DL

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	5.535	114	220304	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	234371	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	95092	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	76426	45.048	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.100%			
7) Chloroethane-d5	1.532	69	70782	46.491	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.980%			
11) 1,1-Dichloroethene-d2	2.060	65	37179	44.023	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.040%			
21) 2-Butanone-d5	3.783	46	82037	95.945	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.950%			
24) Chloroform-d	4.249	84	156405	46.606	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.220%			
26) 1,2-Dichloroethane-d4	4.941	65	103019	49.971	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.940%			
32) Benzene-d6	4.960	84	291681	46.208	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.420%			
36) 1,2-Dichloropropane-d6	5.989	67	92746	48.411	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.820%			
41) Toluene-d8	7.243	98	245067	42.429	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.860%			
43) trans-1,3-Dichloroprop...	7.555	79	40736	43.386	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.780%			
47) 2-Hexanone-d5	8.024	63	54386	84.401	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 84.400%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	123548	44.869	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.740%			
66) 1,2-Dichlorobenzene-d4	11.561	152	100155	56.049	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.100%			
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	2341	1.311	ug/L #	30
12) 1,1-Dichloroethene	2.069	96	58570	37.727	ug/L	91
13) Acetone	2.114	43	4150	4.181	ug/L	80
19) 1,1-Dichloroethane	3.114	63	4838	1.720	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	8154m	4.901	ug/L	
27) 1,2-Dichloroethane	5.056	62	5042	2.067	ug/L #	93
30) 1,1,1-Trichloroethane	4.516	97	9960	3.442	ug/L	97
34) Trichloroethene	5.844	95	5305	3.095	ug/L	94

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

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