Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
Data File : VV036703.D
Acq On : 25 Jul 2024 13:31
Operator : SY/MD
Sample : P3276-08RE
Misc : 9.02g/10mL/MSVOA_V/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20H7RE

Manual Integrations APPROVED
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024

Quant Time: Jul 26 05:01:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 25 00:49:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	434968	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	357304	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	97039	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	49675	10.427	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 41.720%			
7) Chloroethane-d5	1.529	69	57417	13.344	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 53.360%			
11) 1,1-Dichloroethene-d2	2.050	65	26404	10.482	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 41.920%#			
21) 2-Butanone-d5	3.815	46	56436m	50.761	ug/L	-0.04
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.520%			
24) Chloroform-d	4.246	84	193215	16.796	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 67.200%			
26) 1,2-Dichloroethane-d4	4.941	65	102838	18.120	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 72.480%			
32) Benzene-d6	4.957	84	264572	15.623	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 62.480%			
36) 1,2-Dichloropropane-d6	5.986	67	100998	20.932	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 83.720%			
41) Toluene-d8	7.243	98	192198	11.893	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 47.560%			
43) trans-1,3-Dichloroprop...	7.558	79	32702	15.246	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 61.000%			
47) 2-Hexanone-d5	8.034	63	26661	41.519	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.040%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	106852	25.408	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.640%			
66) 1,2-Dichlorobenzene-d4	11.558	152	80944	23.895	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.278	62	34869	4.968	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	3872	0.511	ug/L #	28
12) 1,1-Dichloroethene	2.063	96	1308906	195.059	ug/L #	81
13) Acetone	2.153	43	8225m	4.554	ug/L	
16) Methylene chloride	2.442	84	23416	2.893	ug/L	94
17) trans-1,2-Dichloroethene	2.693	96	11089	1.636	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	1890273	267.089	ug/L	99
34) Trichloroethene	5.825	95	1172078	176.507	ug/L	98

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

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