Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076697.D
Acq On : 03 Jul 2023 17:22
Operator : KP/SY
Sample : 03444-15RE
Misc : 5.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46W0RE

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/07/2023

Quant Time: Jul 04 01:11:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	90588	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	64880	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	20349	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	6634	3.007	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 12.040%#			
7) Chloroethane-d5	2.793	69	8361	4.687	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 18.760%#			
11) 1,1-Dichloroethene-d2	3.905	65	2355m	4.090	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 16.360%#			
21) 2-Butanone-d5	6.987	46	34683	103.808	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 207.620%#			
24) Chloroform-d	7.563	84	23435	9.819	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 39.280%#			
26) 1,2-Dichloroethane-d4	8.222	65	16450	13.972	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 55.880%#			
32) Benzene-d6	8.199	84	33733	8.499	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 34.000%			
36) 1,2-Dichloropropane-d6	9.204	67	15495	12.231	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 48.920%#			
41) Toluene-d8	10.269	98	24410	6.642	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 26.560%#			
43) trans-1,3-Dichloroprop...	10.522	79	7437	14.114	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 56.440%			
47) 2-Hexanone-d5	10.875	63	20630	104.907	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 209.820%#			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	29875	33.147	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 132.600%#			
66) 1,2-Dichlorobenzene-d4	13.810	152	9875	13.239	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 52.960%#			
Target Compounds						Qvalue
8) Chloroethane	2.834	64	16014	10.327	ug/L #	79
13) Acetone	4.016	43	59652	221.053	ug/L	92
22) 2-Butanone	7.075	43	26111	59.958	ug/L	97
42) Toluene	10.334	91	5145	1.121	ug/L	82
52) Ethylbenzene	11.681	91	4648	0.940	ug/L	93
53) m,p-Xylene	11.804	106	1723m	0.886	ug/L	
54) o-Xylene	12.122	106	4176	2.256	ug/L	80
62) 1,3,5-Trimethylbenzene	12.904	105	1836	0.737	ug/L	89
63) 1,2,4-Trimethylbenzene	13.210	105	7066	2.875	ug/L	87

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

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