Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060324\
Data File : VD079129.D
Acq On : 03 Jun 2024 17:41
Operator : RP/MD
Sample : P2642-29
Misc : 5.34G/10ml/MSVOA_D/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4BH3

Quant Time: Jun 04 05:07:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jun 01 00:34:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	302712	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	287471	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	121879	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	143585	15.414	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 61.640%			
7) Chloroethane-d5	2.793	69	146268	16.239	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.960%			
11) 1,1-Dichloroethene-d2	3.910	65	23249	14.059	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 56.240%			
21) 2-Butanone-d5	6.987	46	22219	31.184	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 62.360%			
24) Chloroform-d	7.563	84	136693	16.150	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 64.600%			
26) 1,2-Dichloroethane-d4	8.228	65	61940	15.864	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 63.440%#			
32) Benzene-d6	8.198	84	267178	16.765	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 67.080%			
36) 1,2-Dichloropropane-d6	9.210	67	80923	17.628	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 70.520%			
41) Toluene-d8	10.269	98	229196	15.360	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 61.440%			
43) trans-1,3-Dichloroprop...	10.528	79	31412	16.280	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 65.120%			
47) 2-Hexanone-d5	10.875	63	18705	31.519	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 63.040%			
56) 1,1,2,2-Tetrachloroeth...	12.645	84	64374	15.832	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 63.320%			
66) 1,2-Dichlorobenzene-d4	13.816	152	81061	19.271	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 77.080%			
Target Compounds						Qvalue
42) Toluene	10.334	91	4571	0.240	ug/L	84
51) Chlorobenzene	11.598	112	3622	0.286	ug/L	89
52) Ethylbenzene	11.686	91	3972	0.200	ug/L #	73
53) m,p-Xylene	11.786	106	1415	0.182	ug/L	73
55) Styrene	12.128	104	1955	0.147	ug/L	89
60) Isopropylbenzene	12.410	105	2788	0.173	ug/L	94
62) 1,3,5-Trimethylbenzene	12.898	105	2009	0.182	ug/L #	85
65) 1,4-Dichlorobenzene	13.539	146	2629	0.320	ug/L #	77
67) 1,2-Dichlorobenzene	13.833	146	3333	0.466	ug/L	88
70) 1,2,4-trichlorobenzene	15.098	180	1551	0.382	ug/L #	85

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

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