Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061024\
Data File : VD079153.D
Acq On : 10 Jun 2024 12:41
Operator : RP/MD
Sample : P2775-05
Misc : 5.00G/10ml/MSVOA_D/SOIL/A
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 11 02:46:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jun 11 02:46:15 2024
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
A4DG8

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/13/2024
Supervised By :Semsettin Yesilyurt 06/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	217352	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	211934	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	108857	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	121988	18.238	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.960%			
7) Chloroethane-d5	2.799	69	127166	19.663	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.640%			
11) 1,1-Dichloroethene-d2	3.922	65	24857	20.934	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.720%			
21) 2-Butanone-d5	6.981	46	23812	46.545	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.100%			
24) Chloroform-d	7.563	84	144384	23.758	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.040%			
26) 1,2-Dichloroethane-d4	8.222	65	59594	21.257	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.040%			
32) Benzene-d6	8.199	84	257401	21.909	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 87.640%			
36) 1,2-Dichloropropane-d6	9.210	67	72569	21.443	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 85.760%			
41) Toluene-d8	10.269	98	250733	22.793	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.160%			
43) trans-1,3-Dichloroprop...	10.522	79	31510	22.151	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.600%			
47) 2-Hexanone-d5	10.875	63	23174	52.967	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.940%			
56) 1,1,2,2-Tetrachloroeth...	12.646	84	67844	22.632	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.520%			
66) 1,2-Dichlorobenzene-d4	13.816	152	81906	21.802	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.200%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.940	96	195424m	64.922	ug/L	
13) Acetone	4.017	43	14609	19.725	ug/L	93
16) Methylene chloride	4.793	84	176630	45.607	ug/L	96
17) trans-1,2-Dichloroethene	5.311	96	158431	48.703	ug/L	89
18) Methyl tert-butyl Ether	5.322	73	161046	27.914	ug/L #	79
19) 1,1-Dichloroethane	6.111	63	237263	45.302	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	355224	104.872	ug/L	98
22) 2-Butanone	7.081	43	159766	205.341	ug/L	95
25) Chloroform	7.593	83	452994	76.180	ug/L	97
27) 1,2-Dichloroethane	8.328	62	89003	25.784	ug/L	97
31) Carbon tetrachloride	7.987	117	218227	46.802	ug/L	97
33) Benzene	8.252	78	539002	42.701	ug/L	100
34) Trichloroethene	9.028	95	135738	41.751	ug/L	96
37) 1,2-Dichloropropane	9.305	63	45212	14.623	ug/L	97
38) Bromodichloromethane	9.581	83	340407	79.199	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	430194	89.131	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	142922	110.734	ug/L	94
42) Toluene	10.334	91	527377	37.625	ug/L	98
44) trans-1,3-Dichloropropene	10.552	75	212118	51.971	ug/L	93

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45) 1,1,2-Trichloroethane	10.734	97	74523	27.474	ug/L		98
46) Tetrachloroethene	10.810	164	170142	59.435	ug/L		98
48) 2-Hexanone	10.922	43	121790	109.048	ug/L		99
49) Dibromochloromethane	11.075	129	285154	88.775	ug/L		100
50) 1,2-Dibromoethane	11.175	107	184110	73.855	ug/L	#	97
51) Chlorobenzene	11.610	112	165315	17.726	ug/L		96
52) Ethylbenzene	11.681	91	773615	52.913	ug/L		98
53) m,p-Xylene	11.793	106	595203	103.761	ug/L		100
54) o-Xylene	12.122	106	252034	45.477	ug/L		93
55) Styrene	12.134	104	705339	71.778	ug/L		94
57) 1,1,2,2-Tetrachloroethane	12.675	83	95501	31.453	ug/L		95
59) Bromoform	12.299	173	49100	24.610	ug/L		98
61) 1,2,3-Trichloropropane	12.722	75	109069	56.751	ug/L		97
64) 1,3-Dichlorobenzene	13.457	146	686955	99.346	ug/L		98
65) 1,4-Dichlorobenzene	13.540	146	434731	59.336	ug/L		96
67) 1,2-Dichlorobenzene	13.828	146	188367	29.468	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.445	75	15566	39.399	ug/L		95
70) 1,2,4-trichlorobenzene	15.098	180	88478	24.428	ug/L		97

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

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