Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022440.D
Acq On : 07 Apr 2022 18:32
Operator : SY/VA
Sample : N2293-05
Misc : 6.30g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 08 06:33:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 08 06:30:01 2022
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
ETNN5

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	353097	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	353393	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	174994	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	144332	18.490	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.960%			
7) Chloroethane-d5	2.891	69	95580	19.538	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.160%			
11) 1,1-Dichloroethene-d2	4.019	63	117319	11.588	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 46.360%			
21) 2-Butanone-d5	7.080	46	74621	54.755	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.520%			
24) Chloroform-d	7.647	84	222168	20.130	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 80.520%			
26) 1,2-Dichloroethane-d4	8.305	65	145668m	23.100	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.400%			
32) Benzene-d6	8.275	84	415179	19.229	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 76.920%			
36) 1,2-Dichloropropane-d6	9.274	67	132925	21.274	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 85.080%			
41) Toluene-d8	10.323	98	390126	18.449	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 73.800%			
43) trans-1,3-Dichloroprop...	10.579	79	57679	19.560	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 78.240%			
47) 2-Hexanone-d5	10.920	63	61857	53.211	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.420%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	119735	22.537	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.160%			
66) 1,2-Dichlorobenzene-d4	13.847	152	138426	22.333	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.320%			
Target Compounds						Qvalue
13) Acetone	4.129	43	22228	23.956	ug/L	89
14) Carbon disulfide	4.385	76	74981	4.794	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	5188	0.882	ug/L #	85
25) Chloroform	7.671	83	6794	0.635	ug/L	88
27) 1,2-Dichloroethane	8.409	62	4194	0.558	ug/L #	77
33) Benzene	8.323	78	742104	30.930	ug/L	100
42) Toluene	10.384	91	132433	4.817	ug/L	98
51) Chlorobenzene	11.658	112	1908584	113.600	ug/L	97
52) Ethylbenzene	11.731	91	18055	0.586	ug/L #	84
53) m,p-Xylene	11.835	106	17382	1.483	ug/L	97
54) o-Xylene	12.164	106	11266	1.006	ug/L	95
62) 1,3,5-Trimethylbenzene	12.938	105	12043	0.753	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	25904	1.066	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	26070	2.471	ug/L	95

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

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