Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120624\
Data File : VW031151.D
Acq On : 06 Dec 2024 15:24
Operator : SY/MD
Sample : P5066-16
Misc : 4.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 06 23:40:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 06 23:31:46 2024
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
E28N4

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	94944	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.629	117	22304	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	3148	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	86954	59.513	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 238.040%#			
7) Chloroethane-d5	2.899	69	58693	51.777	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 207.120%#			
11) 1,1-Dichloroethene-d2	4.015	65	20049	30.076	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 120.320%#			
21) 2-Butanone-d5	7.100	46	35479	138.846	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 277.700%#			
24) Chloroform-d	7.648	84	108667	39.078	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 156.320%#			
26) 1,2-Dichloroethane-d4	8.301	65	55209m	40.347	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 161.400%#			
32) Benzene-d6	8.276	84	155604	113.509	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 454.040%#			
36) 1,2-Dichloropropane-d6	9.270	67	71100	177.063	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 708.240%#			
41) Toluene-d8	10.318	98	51896	41.949	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 167.800%#			
43) trans-1,3-Dichloroprop...	10.581	79	4622	28.590	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 114.360%			
47) 2-Hexanone-d5	10.928	63	12718	270.333	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 540.660%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	49265	181.789	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 727.160%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	3640	32.554	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 130.200%#			
Target Compounds						Qvalue
13) Acetone	4.173	43	16420	35.692	ug/L	63
14) Carbon disulfide	4.387	76	31639	7.155	ug/L	98
29) Cyclohexane	7.953	56	22500	40.077	ug/L	90
33) Benzene	8.325	78	69892	46.339	ug/L	100
34) Trichloroethene	9.087	95	10761	25.865	ug/L	90
35) Methylcyclohexane	9.331	83	19421	29.335	ug/L #	81
42) Toluene	10.386	91	46813	29.464	ug/L	89
52) Ethylbenzene	11.727	91	5949	3.304	ug/L	87
53) m,p-Xylene	11.830	106	2794	4.170	ug/L	98
54) o-Xylene	12.153	106	1492	2.393	ug/L	86

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

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