

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020623\
 Data File : VW025289.D
 Acq On : 06 Feb 2023 11:17
 Operator : SY/MD
 Sample : 01378-03
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT1-2023-01

Quant Time: Feb 07 00:27:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 07 00:17:55 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	368110	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	322970	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	156482	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	84060	23.598	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.400%		
7) Chloroethane-d5	2.898	69	74802	23.650	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.600%		
11) 1,1-Dichloroethene-d2	4.019	63	163683	16.572	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.280%		
21) 2-Butanone-d5	7.080	46	46793	50.602	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	101.200%		
24) Chloroform-d	7.647	84	222927	23.105	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.440%		
26) 1,2-Dichloroethane-d4	8.305	65	118830	25.284	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.120%		
32) Benzene-d6	8.275	84	451901	23.086	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.360%		
36) 1,2-Dichloropropane-d6	9.274	67	129650	22.637	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	90.560%		
41) Toluene-d8	10.323	98	404844	23.137	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.560%		
43) trans-1,3-Dichloroprop...	10.573	79	53455	24.978	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	99.920%		
47) 2-Hexanone-d5	10.921	63	36539	56.901	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	113.800%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	93964	24.125	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	96.520%		
66) 1,2-Dichlorobenzene-d4	13.847	152	131155	24.158	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	96.640%		
Target Compounds						Qvalue
45) 1,1,2-Trichloroethane	10.786	97	4446	1.280	ug/L	90
48) 2-Hexanone	10.975	43	4245	2.763	ug/L #	96
49) Dibromochloromethane	11.128	129	4916	1.253	ug/L	95
50) 1,2-Dibromoethane	11.238	107	3914	1.230	ug/L #	93
54) o-Xylene	12.158	106	9888	0.973	ug/L	86
55) Styrene	12.176	104	16578	0.964	ug/L	99
59) Bromoform	12.347	173	2915	1.313	ug/L #	95
62) 1,3,5-Trimethylbenzene	12.938	105	21607	1.011	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	12623	1.150	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	8207	1.149	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	6913	1.189	ug/L	93
71) Naphthalene	15.365	128	12338	1.161	ug/L #	87
72) 1,2,3-Trichlorobenzene	15.548	180	5933	1.188	ug/L	97

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

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