

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076692.D
 Acq On : 03 Jul 2023 15:08
 Operator : KP/SY
 Sample : 03472-14RE
 Misc : 4.33G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46S7RE

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2023
 Supervised By :Mahesh Dadoda 07/07/2023

Quant Time: Jul 04 01:10:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	203627	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	188482	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	86463	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	30407	6.132	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	24.520%#		
7) Chloroethane-d5	2.793	69	35779	8.923	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	35.680%		
11) 1,1-Dichloroethene-d2	3.916	65	11926	9.213	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	36.840%#		
21) 2-Butanone-d5	6.987	46	41616	55.413	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	110.820%		
24) Chloroform-d	7.569	84	98468	18.355	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	73.400%		
26) 1,2-Dichloroethane-d4	8.228	65	56361	21.296	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.200%		
32) Benzene-d6	8.199	84	139854	12.130	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	48.520%		
36) 1,2-Dichloropropane-d6	9.210	67	61193	16.627	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	66.520%#		
41) Toluene-d8	10.269	98	124423	11.655	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	46.600%		
43) trans-1,3-Dichloroprop...	10.528	79	23884	15.603	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	62.400%		
47) 2-Hexanone-d5	10.881	63	30766	53.854	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.700%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	71044	27.133	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	108.520%		
66) 1,2-Dichlorobenzene-d4	13.816	152	53065	16.744	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	66.960%#		
Target Compounds						Qvalue
5) Vinyl chloride	2.275	62	15172	2.666	ug/L	98
8) Chloroethane	2.828	64	9086	2.607	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.952	101	3602m	1.350	ug/L	
19) 1,1-Dichloroethane	6.105	63	92104	17.099	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	3578m	1.087	ug/L	
27) 1,2-Dichloroethane	8.328	62	1602	0.496	ug/L #	78
30) 1,1,1-Trichloroethane	7.793	97	17691	4.040	ug/L	98
54) o-Xylene	12.122	106	2409	0.448	ug/L	76
67) 1,2-Dichlorobenzene	13.828	146	2738	0.522	ug/L #	82

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

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