

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076657.D
 Acq On : 30 Jun 2023 12:49
 Operator : KP/SY
 Sample : 03472-12
 Misc : 5.20G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46S4

Quant Time: Jul 03 01:30:02 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

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/03/2023
 Supervised By : Mahesh Dadoda 07/07/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	213218	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	142717	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	44004	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	66042	12.719	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	50.880%		
7) Chloroethane-d5	2.799	69	67038	15.967	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	63.880%		
11) 1,1-Dichloroethene-d2	3.911	65	19661m	14.506	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	58.040%		
21) 2-Butanone-d5	6.981	46	56603	71.978	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	143.960%#		
24) Chloroform-d	7.563	84	116188	20.683	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	82.720%		
26) 1,2-Dichloroethane-d4	8.228	65	70997	25.619	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	102.480%		
32) Benzene-d6	8.199	84	209294	23.973	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	95.880%		
36) 1,2-Dichloropropane-d6	9.210	67	78274	28.089	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	112.360%		
41) Toluene-d8	10.269	98	166570	20.606	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.440%		
43) trans-1,3-Dichloroprop...	10.522	79	29724	25.645	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	102.560%		
47) 2-Hexanone-d5	10.875	63	40700	94.088	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	188.180%#		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	62690	31.621	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	126.480%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	35109m	21.767	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.080%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.887	85	4867	1.465	ug/L	96
5) Vinyl chloride	2.281	62	382016	64.114	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	185578	66.409	ug/L	99
12) 1,1-Dichloroethene	3.928	96	7820	2.826	ug/L #	1
13) Acetone	4.022	43	31000	48.807	ug/L	76
14) Carbon disulfide	4.258	76	20489	2.043	ug/L	96
17) trans-1,2-Dichloroethene	5.311	96	11966	3.879	ug/L	82
19) 1,1-Dichloroethane	6.105	63	210762	37.367	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	647017	187.789	ug/L	96
27) 1,2-Dichloroethane	8.322	62	20166	5.957	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	701184	211.489	ug/L	98
33) Benzene	8.246	78	9054	0.959	ug/L	100
34) Trichloroethene	9.028	95	115032	47.408	ug/L	96
42) Toluene	10.334	91	5288	0.524	ug/L	87
46) Tetrachloroethene	10.810	164	162573	85.227	ug/L	90
65) 1,4-Dichlorobenzene	13.534	146	11647	3.859	ug/L #	67
67) 1,2-Dichlorobenzene	13.828	146	743578	278.752	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	16949	9.538	ug/L #	82

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

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