

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076671.D
 Acq On : 30 Jun 2023 19:14
 Operator : KP/SY
 Sample : 03472-15
 Misc : 4.16G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46S9

Quant Time: Jul 03 01:32:00 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	396472	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	324949	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	131219	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	93580	9.692	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	38.760%
7) Chloroethane-d5	2.793	69	102968	13.189	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.760%
11) 1,1-Dichloroethene-d2	3.905	65	31267	12.406	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.640%
21) 2-Butanone-d5	6.987	46	115105	78.717	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	157.440%#
24) Chloroform-d	7.563	84	207835	19.897	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.600%
26) 1,2-Dichloroethane-d4	8.228	65	127644	24.771	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.080%
32) Benzene-d6	8.193	84	359138	18.067	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.280%
36) 1,2-Dichloropropane-d6	9.204	67	131319	20.697	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.800%
41) Toluene-d8	10.263	98	304972	16.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.280%
43) trans-1,3-Dichloroprop...	10.522	79	52360	19.840	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.360%
47) 2-Hexanone-d5	10.875	63	81062	82.303	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	164.600%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	141713	31.394	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.560%#
66) 1,2-Dichlorobenzene-d4	13.810	152	98051	20.386	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.560%
Target Compounds						
5) Vinyl chloride	2.275	62	14607	1.318	ug/L	85
12) 1,1-Dichloroethene	3.928	96	3097	0.602	ug/L #	1
13) Acetone	4.016	43	19059	16.137	ug/L	85
20) cis-1,2-Dichloroethene	7.075	96	26842	4.190	ug/L	90
22) 2-Butanone	7.075	43	9962m	5.227	ug/L	
34) Trichloroethene	9.022	95	22844	4.135	ug/L	95
46) Tetrachloroethene	10.804	164	10687	2.461	ug/L	78

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

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