

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076659.D
 Acq On : 30 Jun 2023 13:41
 Operator : KP/SY
 Sample : 03472-14
 Misc : 5.60G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46S7

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Jul 03 01:30:22 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	389221	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	312807	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	124153	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	109955	11.600	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.400%
7) Chloroethane-d5	2.799	69	112127	14.630	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.520%
11) 1,1-Dichloroethene-d2	3.917	65	37336	15.090	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.360%
21) 2-Butanone-d5	6.987	46	71719	49.960	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.920%
24) Chloroform-d	7.569	84	202884	19.785	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.160%
26) 1,2-Dichloroethane-d4	8.228	65	112428	22.224	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.880%
32) Benzene-d6	8.199	84	372351	19.459	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.840%
36) 1,2-Dichloropropane-d6	9.205	67	131706	21.563	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.240%
41) Toluene-d8	10.269	98	321148	18.126	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.520%
43) trans-1,3-Dichloroprop...	10.522	79	50157	19.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.960%
47) 2-Hexanone-d5	10.875	63	54658	57.649	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.300%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	111329	25.620	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.480%
66) 1,2-Dichlorobenzene-d4	13.816	152	94781	20.828	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.320%
Target Compounds						
5) Vinyl chloride	2.281	62	34828	3.202	ug/L	90
8) Chloroethane	2.834	64	19883	2.984	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	13671m	2.680	ug/L	
19) 1,1-Dichloroethane	6.111	63	218668	21.238	ug/L	97
20) cis-1,2-Dichloroethene	7.063	96	5151m	0.819	ug/L	
30) 1,1,1-Trichloroethane	7.787	97	46465	6.394	ug/L	99
52) Ethylbenzene	11.681	91	28224	1.184	ug/L	91
53) m,p-Xylene	11.799	106	3527	0.376	ug/L	97
54) o-Xylene	12.122	106	13428	1.505	ug/L	97
60) Isopropylbenzene	12.422	105	6521	0.343	ug/L #	90
63) 1,2,4-Trimethylbenzene	13.210	105	5314	0.354	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	6401	0.850	ug/L #	74

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

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