

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
 Data File : VY007006.D
 Acq On : 07 Dec 2021 19:06
 Operator : SY/MD
 Sample : M4887-20
 Misc : 4.82g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 08 02:59:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120721SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 02:54:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	141295	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	134560	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	68327	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	43853	13.806	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.240%
7) Chloroethane-d5	2.765	69	36638	15.085	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.360%
11) 1,1-Dichloroethene-d2	3.851	63	50782	10.360	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.440%#
21) 2-Butanone-d5	6.893	46	34229	37.202	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.400%
24) Chloroform-d	7.478	84	75248	16.796	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.200%
26) 1,2-Dichloroethane-d4	8.143	65	45666	17.028	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.120%#
32) Benzene-d6	8.112	84	133214	15.145	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	60.560%
36) 1,2-Dichloropropane-d6	9.124	67	50235	16.938	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	67.760%#
41) Toluene-d8	10.179	98	113778	14.013	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	56.040%
43) trans-1,3-Dichloroprop...	10.441	79	21506	15.668	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.680%
47) 2-Hexanone-d5	10.788	63	22703	33.308	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.620%
56) 1,1,2,2-Tetrachloroeth...	12.562	84	48706	19.186	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.760%
66) 1,2-Dichlorobenzene-d4	13.721	152	45958	17.496	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.000%#

Target Compounds Qvalue

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

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