

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

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8D2RE

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

Manual Integrations APPROVED

Reviewed By : John Carlone 12/08/2021
 Supervised By : Mahesh Dadoda 12/15/2021

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	
13) Acetone	3.954	43	1671m	2.103	ug/L	

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

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