

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100921\
 Data File : VY006351.D
 Acq On : 08 Oct 2021 10:58
 Operator : SY/MD
 Sample : VY1009SBL06
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK812

Manual Integrations
 APPROVED

apatel
 10/14/2021 10:57:29 AM

Quant Time: Oct 09 00:41:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM100521SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 09 00:39:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.722	114	145163	25.00	ug/L	0.02
28) Chlorobenzene-d5	11.502	117	139556	25.00	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	13.428	152	70389	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	40908	16.21	ug/L	0.12
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.84%			
7) Chloroethane-d5	2.887	69	30786	16.48	ug/L	0.12
Spiked Amount 25.000	Range 30 - 150		Recovery = 65.92%			
11) 1,1-Dichloroethene-d2	3.973	63	68116m	16.51	ug/L	0.11
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.04%			
21) 2-Butanone-d5	6.948	46	41507	61.70	ug/L	0.05
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.40%			
24) Chloroform-d	7.533	84	92979	25.43	ug/L	0.05
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.72%			
26) 1,2-Dichloroethane-d4	8.179	65	61766	25.72	ug/L	0.03
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.88%			
32) Benzene-d6	8.155	84	181801	23.67	ug/L	0.04
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.68%			
36) 1,2-Dichloropropane-d6	9.148	67	56022	24.86	ug/L	0.02
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.44%			
41) Toluene-d8	10.197	98	166316	22.74	ug/L	0.02
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.96%			
43) trans-1,3-Dichloroprop...	10.453	79	29052	24.78	ug/L	0.01
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.12%			
47) 2-Hexanone-d5	10.801	63	27746	55.67	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.34%			
56) 1,1,2,2-Tetrachloroeth...	12.563	84	48905	27.79	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.16%			
66) 1,2-Dichlorobenzene-d4	13.727	152	63299	26.07	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.28%			

Target Compounds Qvalue

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

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