

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121319\
 Data File : VY000941.D
 Acq On : 13 Dec 2019 12:15
 Operator : SY/MD
 Sample : K4649-03MSD
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A5167MSD

Manual Integrations
 APPROVED

apatel
 12/17/2019 2:47:40 PM

Quant Time: Dec 14 06:14:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL110519SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 12 09:49:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	436733	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	400590	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	188942	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	131399	19.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.00%
7) Chloroethane-d5	2.75	69	130633	22.54	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.16%
11) 1,1-Dichloroethene-d2	3.86	63	628845	54.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	217.88%#
21) 2-Butanone-d5	6.90	46	187728	64.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.52%
24) Chloroform-d	7.49	84	279713	24.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.28%
26) 1,2-Dichloroethane-d4	8.15	65	162402	23.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.56%
32) Benzene-d6	8.11	84	625450	27.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	9.13	67	206574	29.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.04%
41) Toluene-d8	10.17	98	565145	26.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.96%
43) trans-1,3-Dichloropropene-	10.44	79	90389	25.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.48%
47) 2-Hexanone-d5	10.78	63	150276	68.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.02%#
56) 1,1,2,2-Tetrachloroethane-	12.55	84	208958	27.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.36%
66) 1,2-Dichlorobenzene-d4	13.72	152	195804	26.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	3.87	96	825280	142.262	ug/L #	76
13) Acetone	3.96	43	7431	2.666	ug/L	78
16) Methylene chloride	4.73	84	8068m	1.134	ug/L	
33) Benzene	8.16	78	3959493	150.496	ug/L	100
34) Trichloroethene	8.94	95	971329	139.898	ug/L	95
42) Toluene	10.24	91	4183678	148.904	ug/L	98
51) Chlorobenzene	11.51	112	2661496	148.302	ug/L	97

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

