

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042219\
 Data File : VV010444.D
 Acq On : 23 Apr 2019 09:06
 Operator : SY/MD
 Sample : K2481-11
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHW4

Manual Integrations
 APPROVED

MMDadoda
 4/25/2019 9:20:43 AM

Quant Time: Apr 24 02:26:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 02:09:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	233275	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	206800	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80706	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	48244	15.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.04%
7) Chloroethane-d5	1.57	69	42826	17.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.52%
10) 1,1-Dichloroethene-d2	2.12	63	85085	14.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.72%
20) 2-Butanone-d5	3.93	46	32926m	43.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.62%
24) Chloroform-d	4.39	84	115309	20.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.92%
26) 1,2-Dichloroethane-d4	5.08	65	71230	20.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.48%
29) Benzene-d6	5.10	84	216353	22.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.64%
33) 1,2-Dichloropropane-d6	6.11	67	68286	24.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.00%
37) Toluene-d8	7.36	98	203830	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.92%
38) trans-1,3-Dichloropropene-	7.66	79	24180	17.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.72%
39) 2-Hexanone-d5	8.13	63	21582	38.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.16%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	57010	20.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.08%
61) 1,2-Dichlorobenzene-d4	11.67	152	69093	22.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.12%

Target Compounds Ovalue

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

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