

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042219\
 Data File : VV010425.D
 Acq On : 22 Apr 2019 21:40
 Operator : SY/MD
 Sample : K2456-13RE
 Misc : 5.10G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHN3RE

Manual Integrations
 APPROVED

MMDadoda
 4/25/2019 9:20:40 AM

Quant Time: Apr 23 07:34:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 06:57:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	50035	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	50298	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	19762	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	8525	12.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.48%
7) Chloroethane-d5	1.59	69	8766	16.35	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.40%
10) 1,1-Dichloroethene-d2	2.13	63	15077	11.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.84%
20) 2-Butanone-d5	3.95	46	10709m	66.44	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.88%
24) Chloroform-d	4.40	84	25783	21.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.36%
26) 1,2-Dichloroethane-d4	5.09	65	19693	26.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.00%
29) Benzene-d6	5.10	84	42844	18.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.80%
33) 1,2-Dichloropropane-d6	6.12	67	15588	22.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.04%
37) Toluene-d8	7.36	98	41518	17.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.44%
38) trans-1,3-Dichloropropene-	7.67	79	6515	19.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.24%
39) 2-Hexanone-d5	8.14	63	5669m	41.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.32%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	19170	28.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.88%
61) 1,2-Dichlorobenzene-d4	11.68	152	17866	23.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.16%

Target Compounds					Ovalue
13) Acetone	2.19	43	1537	8.897 ug/L	74
16) Methylene chloride	2.54	84	4364	5.947 ug/L	97

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

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