

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033019\
 Data File : VV010027.D
 Acq On : 30 Mar 2019 18:29
 Operator : SY/MD
 Sample : K2166-12
 Misc : 6.23G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0L7

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:01:38 AM

Quant Time: Mar 31 21:17:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 23:31:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	146223	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	148132	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61456	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57855	19.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.00%
7) Chloroethane-d5	1.56	69	73357	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.56%
10) 1,1-Dichloroethene-d2	2.12	63	134056	16.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.08%
20) 2-Butanone-d5	3.94	46	26140	47.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.54%
24) Chloroform-d	4.40	84	71591	19.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.88%
26) 1,2-Dichloroethane-d4	5.08	65	54722	24.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.64%
29) Benzene-d6	5.10	84	181729	23.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.44%
33) 1,2-Dichloropropane-d6	6.12	67	56599	24.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.48%
37) Toluene-d8	7.36	98	155077	21.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.24%
38) trans-1,3-Dichloropropene-	7.66	79	15504	16.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.60%
39) 2-Hexanone-d5	8.13	63	20575	48.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.86%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49401	21.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.68%
61) 1,2-Dichlorobenzene-d4	11.68	152	57754	24.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.72%

Target Compounds					Ovalue
16) Methylene chloride	2.53	84	4806	1.996 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	2996m	1.416 ug/L	
35) Trichloroethene	5.96	95	6176	2.878 ug/L	90
47) Tetrachloroethene	8.02	164	1887584	1114.831 ug/L	96

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

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