

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040219\
 Data File : VV010083.D
 Acq On : 03 Apr 2019 02:45
 Operator : SY/MD
 Sample : K2148-21
 Misc : 5.15G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5H1

Manual Integrations
 APPROVED

MMDadoda
 4/6/2019 5:02:19 AM

Quant Time: Apr 03 09:01:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 03 06:44:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	193732	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	164115	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47483	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	38107	14.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.76%
7) Chloroethane-d5	1.57	69	82190	25.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.04%
10) 1,1-Dichloroethene-d2	2.12	63	59377	9.08	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	36.32%#
20) 2-Butanone-d5	3.95	46	10570m	14.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	28.64%
24) Chloroform-d	4.40	84	129717	26.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.32%
26) 1,2-Dichloroethane-d4	5.08	65	81431	29.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.28%
29) Benzene-d6	5.09	84	253405	29.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.08%
33) 1,2-Dichloropropane-d6	6.11	67	79856	31.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.16%#
37) Toluene-d8	7.36	98	206338	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.64%
38) trans-1,3-Dichloropropene-	7.66	79	19239	17.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.68%
39) 2-Hexanone-d5	8.14	63	7610	15.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	30.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58170	23.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	47628	25.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.00%

Target Compounds					Ovalue
13) Acetone	2.19	43	2911	3.989 ug/L	61
16) Methylene chloride	2.53	84	14047	4.127 ug/L	92

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

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