

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040519\
 Data File : VV010130.D
 Acq On : 05 Apr 2019 14:28
 Operator : SY/MD
 Sample : K2148-11
 Misc : 5.31G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5F8

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:29:38 AM

Quant Time: Apr 14 01:20:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 23:46:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	273669	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	263306	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.31	152	261794	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55933	15.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.08%
7) Chloroethane-d5	1.56	69	60639	13.33	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.32%
10) 1,1-Dichloroethene-d2	2.12	63	117705	12.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.96%
20) 2-Butanone-d5	3.93	46	41238	39.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.10%
24) Chloroform-d	4.40	84	136658	19.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.28%
26) 1,2-Dichloroethane-d4	5.08	65	82851	21.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.92%
29) Benzene-d6	5.10	84	287620	21.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.24%
33) 1,2-Dichloropropane-d6	6.12	67	87309	21.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.68%
37) Toluene-d8	7.36	98	270947	20.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.36%
38) trans-1,3-Dichloropropene-	7.66	79	36916	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.72%
39) 2-Hexanone-d5	8.13	63	38243	47.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.64%
48) 1,1,2,2-Tetrachloroethane-	10.30	84	651526m	163.93	ug/L	0.04
Spiked Amount	25.000	Range	45 - 120	Recovery	=	655.72%#
61) 1,2-Dichlorobenzene-d4	11.68	152	520659	51.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	204.24%#

Target Compounds

					Ovalue
13) Acetone	2.19	43	38751	37.595	ug/L 99
16) Methylene chloride	2.53	84	18594	3.867	ug/L 99
21) 2-Butanone	4.02	43	9767m	8.652	ug/L
36) Methylcyclohexane	6.17	83	34778	6.264	ug/L 89
57) Isopropylbenzene	9.98	105	172945	10.975	ug/L # 85

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

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