

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040519\
 Data File : VV010140.D
 Acq On : 05 Apr 2019 19:14
 Operator : SY/MD
 Sample : K2168-18
 Misc : 6.56G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF675

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:29:43 AM

Quant Time: Apr 06 02:37:31 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	98957	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	118407	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52498	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	7934	5.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	23.96%#
7) Chloroethane-d5	1.57	69	15923	9.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	38.72%
10) 1,1-Dichloroethene-d2	2.13	63	23280	6.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	27.88%#
20) 2-Butanone-d5	3.93	46	19479m	51.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.34%
24) Chloroform-d	4.40	84	72660	29.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.56%
26) 1,2-Dichloroethane-d4	5.08	65	67351	48.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	193.16%#
29) Benzene-d6	5.10	84	131071	21.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.40%
33) 1,2-Dichloropropane-d6	6.12	67	56051	30.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.72%#
37) Toluene-d8	7.36	98	121587	20.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.20%
38) trans-1,3-Dichloropropene-	7.66	79	21479	27.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.92%
39) 2-Hexanone-d5	8.13	63	10602	29.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.34%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	69075	38.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	154.60%#
61) 1,2-Dichlorobenzene-d4	11.67	152	61018	29.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.36%

Target Compounds					Qvalue
13) Acetone	2.19	43	11848	31.789 ug/L	99
16) Methylene chloride	2.53	84	13757	7.913 ug/L	94

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

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