

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040519\
 Data File : VV010135.D
 Acq On : 05 Apr 2019 17:04
 Operator : SY/MD
 Sample : K2168-09
 Misc : 4.67G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF636

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:29:40 AM

Quant Time: Apr 06 02:13:30 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	5.67	114	137115	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	176344	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85213	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	13052	7.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	28.44%#
7) Chloroethane-d5	1.58	69	28208	12.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.48%
10) 1,1-Dichloroethene-d2	2.13	63	34485	7.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	29.80%#
20) 2-Butanone-d5	3.95	46	24239m	46.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.80%
24) Chloroform-d	4.40	84	102322	29.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	118.48%
26) 1,2-Dichloroethane-d4	5.08	65	91897	47.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	190.20%#
29) Benzene-d6	5.10	84	187070	20.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.84%
33) 1,2-Dichloropropane-d6	6.12	67	79312	29.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.56%
37) Toluene-d8	7.36	98	182229	20.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.72%
38) trans-1,3-Dichloropropene-	7.67	79	31599	27.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.56%
39) 2-Hexanone-d5	8.14	63	14609	26.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.98%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	89158	33.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	134.00%#
61) 1,2-Dichlorobenzene-d4	11.67	152	98500	29.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.68%

Target Compounds					Qvalue
16) Methylene chloride	2.53	84	17187	7.134 ug/L	88

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

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