

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040519\
 Data File : VV010138.D
 Acq On : 05 Apr 2019 18:22
 Operator : SY/MD
 Sample : K2168-15
 Misc : 4.92G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF640

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:29:42 AM

Quant Time: Apr 06 02:26:10 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	150121	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	171140	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72458	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19398	9.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	38.60%
7) Chloroethane-d5	1.57	69	27622	11.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	44.28%
10) 1,1-Dichloroethene-d2	2.13	63	44625	8.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	35.20%#
20) 2-Butanone-d5	3.95	46	3539m	6.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	12.38%#
24) Chloroform-d	4.40	84	108078	28.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.32%
26) 1,2-Dichloroethane-d4	5.08	65	84039	39.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	158.88%#
29) Benzene-d6	5.10	84	202877	22.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.44%
33) 1,2-Dichloropropane-d6	6.12	67	75994	29.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.04%
37) Toluene-d8	7.36	98	179154	20.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.80%
38) trans-1,3-Dichloropropene-	7.66	79	20883	18.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.60%
39) 2-Hexanone-d5	8.14	63	3116	5.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	11.86%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	84018	32.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	130.08%#
61) 1,2-Dichlorobenzene-d4	11.68	152	81408	28.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.36%

Target Compounds					Qvalue
13) Acetone	2.19	43	3621	6.404 ug/L	97
16) Methylene chloride	2.53	84	8933	3.387 ug/L	94

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

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