

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010175.D
 Acq On : 08 Apr 2019 14:55
 Operator : SY/MD
 Sample : K2218-06
 Misc : 4.61G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5Z6

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:28:26 AM

Quant Time: Apr 09 07:08:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 05:31:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	175054	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	157425	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58505	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30157	12.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.48%
7) Chloroethane-d5	1.57	69	57944	19.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.64%
10) 1,1-Dichloroethene-d2	2.13	63	72041	12.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.76%
20) 2-Butanone-d5	3.96	46	10488m	15.73	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	31.46%
24) Chloroform-d	4.40	84	106536	24.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.64%
26) 1,2-Dichloroethane-d4	5.08	65	71223	28.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.48%
29) Benzene-d6	5.10	84	202069	24.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.00%
33) 1,2-Dichloropropane-d6	6.12	67	69233	28.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.96%
37) Toluene-d8	7.36	98	170384	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.64%
38) trans-1,3-Dichloropropene-	7.67	79	11564	11.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	44.92%
39) 2-Hexanone-d5	8.14	63	2825	5.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	11.70%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	71284	30.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.00%
61) 1,2-Dichlorobenzene-d4	11.68	152	57603	25.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.12%

Target Compounds				Ovalue
13) Acetone	2.20	43	4614	6.998 ug/L 94
16) Methylene chloride	2.53	84	10757	3.498 ug/L 95

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

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