

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032819\
 Data File : VV009966.D
 Acq On : 28 Mar 2019 15:28
 Operator : SY/MD
 Sample : K2101-13
 Misc : 5.16G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0C7

Manual Integrations
 APPROVED

MMDadoda
 3/30/2019 12:41:02 AM

Quant Time: Mar 29 05:30:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 02:19:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	142923	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	144998	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61150	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67950	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.72%
7) Chloroethane-d5	1.57	69	75758	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.72%
10) 1,1-Dichloroethene-d2	2.13	63	146582	18.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.92%
20) 2-Butanone-d5	3.93	46	29438m	54.47	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.94%
24) Chloroform-d	4.40	84	81028	22.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.08	65	58022	26.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.92%
29) Benzene-d6	5.10	84	186943	24.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.20%
33) 1,2-Dichloropropane-d6	6.12	67	56067	25.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.68%
37) Toluene-d8	7.36	98	166395	23.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.36%
38) trans-1,3-Dichloropropene-	7.67	79	19755	21.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.72%
39) 2-Hexanone-d5	8.13	63	20267	48.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.48%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52097	23.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	57719	24.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.16%

Target Compounds

					Ovalue
13) Acetone	2.19	43	2808	3.432 ug/L	78
16) Methylene chloride	2.53	84	9399	3.993 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	12866	6.222 ug/L	93
35) Trichloroethene	5.96	95	9947	4.736 ug/L	92
47) Tetrachloroethene	8.02	164	158362	95.552 ug/L	98

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

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