

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053119\
 Data File : VV011183.D
 Acq On : 31 May 2019 17:40
 Operator : SY/MD
 Sample : K3083-04RE
 Misc : 4.40G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51F7RE

Quant Time: Jun 02 21:14:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 01 00:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	323364	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	257463	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74451	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94097	21.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.04%
7) Chloroethane-d5	1.57	69	81067	24.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.40%
10) 1,1-Dichloroethene-d2	2.12	63	154996	17.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.04%
20) 2-Butanone-d5	3.94	46	71008	44.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.80%
24) Chloroform-d	4.40	84	196926	24.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.64%
26) 1,2-Dichloroethane-d4	5.08	65	118759	23.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.24%
29) Benzene-d6	5.10	84	398565	28.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.00%
33) 1,2-Dichloropropane-d6	6.12	67	126604	28.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.04%
37) Toluene-d8	7.36	98	341871	25.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.64%
38) trans-1,3-Dichloropropene-	7.66	79	48652	24.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.00%
39) 2-Hexanone-d5	8.13	63	53563	52.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.20%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	83779	20.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.00%
61) 1,2-Dichlorobenzene-d4	11.67	152	62326	22.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.48%

Target Compounds

					Ovalue
13) Acetone	2.19	43	141927	76.293	ug/L 99
15) Methyl Acetate	2.46	43	73849	26.382	ug/L 99
21) 2-Butanone	4.03	43	13694	6.275	ug/L 93
35) Trichloroethene	5.96	95	52815	13.197	ug/L 99
44) Toluene	7.43	91	18508	1.111	ug/L 99
47) Tetrachloroethene	8.02	164	2032	0.685	ug/L 86

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

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