

Data File : VV010913.D
Acq On : 16 May 2019 00:07
Operator : SY/MD
Sample : K2788-15
Misc : 6.07G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51A6

Quant Time: May 16 08:58:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 08:09:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	118261	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	126324	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49468	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30988	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.28%
7) Chloroethane-d5	1.56	69	25154	25.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.48%
10) 1,1-Dichloroethene-d2	2.12	63	47134	16.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.12%
20) 2-Butanone-d5	3.93	46	43030	90.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	181.56%#
24) Chloroform-d	4.40	84	80779	23.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.64%
26) 1,2-Dichloroethane-d4	5.08	65	52528	27.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.24%
29) Benzene-d6	5.10	84	154121	22.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.16%
33) 1,2-Dichloropropane-d6	6.12	67	53299	23.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.56%
37) Toluene-d8	7.36	98	137180	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.68%
38) trans-1,3-Dichloropropene-	7.66	79	21538	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.52%
39) 2-Hexanone-d5	8.13	63	32350	76.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.06%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	64024	30.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.76%#
61) 1,2-Dichlorobenzene-d4	11.67	152	45598	22.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.28%

Target Compounds

					Qvalue
13) Acetone	2.19	43	8226	17.037 ug/L	90
14) Carbon disulfide	2.31	76	11128	2.711 ug/L #	93
22) cis-1,2-Dichloroethene	3.96	96	126622	66.651 ug/L	97
31) 1,1,1-Trichloroethane	4.65	97	14926	5.440 ug/L	97
35) Trichloroethene	5.96	95	4368495	2289.239 ug/L	99
47) Tetrachloroethene	8.02	164	210518	149.300 ug/L	95

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

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