

Data File : VV011171.D
Acq On : 31 May 2019 09:26
Operator : SY/MD
Sample : K3081-04
Misc : 7.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 31 23:35:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 23:16:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	321605	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	344023	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	148833	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	89320	20.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.12%
7) Chloroethane-d5	1.55	69	77760	23.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.00%
10) 1,1-Dichloroethene-d2	2.11	63	119821	13.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.64%
20) 2-Butanone-d5	3.93	46	64207	40.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.74%
24) Chloroform-d	4.39	84	164797	20.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.84%
26) 1,2-Dichloroethane-d4	5.07	65	105381	20.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.28%
29) Benzene-d6	5.09	84	319803	17.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.48%
33) 1,2-Dichloropropane-d6	6.11	67	102129	17.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	68.24%#
37) Toluene-d8	7.35	98	399184	22.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.60%
38) trans-1,3-Dichloropropene-	7.66	79	59420	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.72%
39) 2-Hexanone-d5	8.13	63	62281	45.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.56%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	180430m	33.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	133.76%#
61) 1,2-Dichlorobenzene-d4	11.67	152	129792	23.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.24%

Target Compounds

					Qvalue
13) Acetone	2.18	43	33747	18.240 ug/L	99
14) Carbon disulfide	2.30	76	7312	0.630 ug/L #	82
21) 2-Butanone	4.03	43	7305m	3.365 ug/L	
30) Cyclohexane	4.71	56	13917	1.513 ug/L	87
34) Benzene	5.14	78	32069	1.572 ug/L	100
36) Methylcyclohexane	6.17	83	88231	9.750 ug/L	90
44) Toluene	7.43	91	54419	2.445 ug/L	97
53) Ethylbenzene	9.05	91	564181	22.087 ug/L	100
54) m,p-Xylene	9.18	106	604000	63.571 ug/L	96
55) o-xylene	9.59	106	281616	30.138 ug/L	98
57) Isopropylbenzene	9.97	105	631850	25.324 ug/L	97

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

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