

Data File : VV010930.D
Acq On : 16 May 2019 13:15
Operator : SY/MD
Sample : K2788-14
Misc : 6.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51A4

Quant Time: May 17 05:57:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Fri May 17 05:18:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	134589	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	134062	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51920	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31775	18.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.12%
7) Chloroethane-d5	1.57	69	25709	23.01	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.04%
10) 1,1-Dichloroethene-d2	2.12	63	50887	15.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.72%
20) 2-Butanone-d5	3.94	46	30687	56.88	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.76%
24) Chloroform-d	4.40	84	76556	19.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.80%
26) 1,2-Dichloroethane-d4	5.08	65	46074	20.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.44%
29) Benzene-d6	5.09	84	154430	20.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.24%
33) 1,2-Dichloropropane-d6	6.12	67	51519	21.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.04%
37) Toluene-d8	7.36	98	139946	19.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.52%
38) trans-1,3-Dichloropropene-	7.66	79	21018	20.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.40%
39) 2-Hexanone-d5	8.13	63	21785	48.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.12%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49264	22.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	46503	21.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.76%

Target Compounds

						Qvalue
12) 1,1-Dichloroethene	2.13	96	5837	3.763	ug/L	# 1
13) Acetone	2.19	43	7794	14.184	ug/L	97
14) Carbon disulfide	2.31	76	12644	2.707	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	4285	2.319	ug/L	89
22) cis-1,2-Dichloroethene	3.96	96	2677816	1238.550	ug/L	97
31) 1,1,1-Trichloroethane	4.66	97	15803	5.427	ug/L	97
35) Trichloroethene	5.96	95	3240985	1600.356	ug/L	98
47) Tetrachloroethene	8.02	164	45687	30.531	ug/L	97

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

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