

Data File : VV009951.D
Acq On : 28 Mar 2019 02:32
Operator : SY/MD
Sample : K2101-14
Misc : 5.65G/10mL/MSVOA_V/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0E5

Quant Time: Mar 29 13:38:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:17:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	127072	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	119925	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46088	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	65914	25.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.24%
7) Chloroethane-d5	1.55	69	74096	26.60	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.40%
10) 1,1-Dichloroethene-d2	2.11	63	110273	15.63	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.52%
20) 2-Butanone-d5	3.92	46	47217	98.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	196.52%#
24) Chloroform-d	4.39	84	75807	23.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.68%
26) 1,2-Dichloroethane-d4	5.07	65	54306	27.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.48%
29) Benzene-d6	5.09	84	171662	27.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.04%
33) 1,2-Dichloropropane-d6	6.11	67	51048	27.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.84%
37) Toluene-d8	7.36	98	146647	24.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.40%
38) trans-1,3-Dichloropropene-	7.66	79	16055	21.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.20%
39) 2-Hexanone-d5	8.13	63	30293	88.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	176.16%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54210	29.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.88%
61) 1,2-Dichlorobenzene-d4	11.68	152	44354	25.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.12%

Target Compounds

					Qvalue
5) Vinyl chloride	1.32	62	27814	9.409 ug/L	91
13) Acetone	2.19	43	1984	2.727 ug/L	96
16) Methylene chloride	2.53	84	3138	1.500 ug/L	86
22) cis-1,2-Dichloroethene	3.95	96	178022	96.833 ug/L	92
35) Trichloroethene	5.96	95	384720	221.474 ug/L	98
47) Tetrachloroethene	8.02	164	1147355	837.027 ug/L	95

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

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