

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121818\
 Data File : VV009041.D
 Acq On : 19 Dec 2018 04:12
 Operator : SY/MD
 Sample : J6419-14
 Misc : 4.92G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF042

Quant Time: Dec 19 08:15:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 19 07:18:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	235936	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	157531	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	33053	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	54263	22.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.92%
7) Chloroethane-d5	1.58	69	54807	30.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.52%
10) 1,1-Dichloroethene-d2	2.13	63	98044	16.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.24%
20) 2-Butanone-d5	3.94	46	30519	34.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.66%
24) Chloroform-d	4.40	84	130856	23.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.28%
26) 1,2-Dichloroethane-d4	5.08	65	82209	26.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.24%
29) Benzene-d6	5.10	84	254951	28.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.92%
33) 1,2-Dichloropropane-d6	6.12	67	76853	31.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.80%#
37) Toluene-d8	7.36	98	196906	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.72%
38) trans-1,3-Dichloropropene-	7.67	79	29440	27.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.80%
39) 2-Hexanone-d5	8.13	63	19554	43.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.66%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	53088	25.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.76%
61) 1,2-Dichlorobenzene-d4	11.68	152	22100	17.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.28%#

Target Compounds

					Ovalue
13) Acetone	2.20	43	6272	4.789 ug/L	92
16) Methylene chloride	2.53	84	14686	3.696 ug/L	97
35) Trichloroethene	5.96	95	20118	7.070 ug/L	99
47) Tetrachloroethene	8.03	164	3551229	1534.667 ug/L	97

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

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