

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050219\
 Data File : VV010633.D
 Acq On : 02 May 2019 17:28
 Operator : SY/MD
 Sample : K2603-02MS
 Misc : 5.01G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAJ55

Quant Time: May 03 02:38:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 03 02:22:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	203228	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	202459	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77984	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19087	7.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	29.68%#
7) Chloroethane-d5	1.57	69	23398	12.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.96%
10) 1,1-Dichloroethene-d2	2.13	63	51921	11.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.04%
20) 2-Butanone-d5	3.93	46	40742	52.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.08%
24) Chloroform-d	4.40	84	108286	20.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.52%
26) 1,2-Dichloroethane-d4	5.08	65	70921	23.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.32%
29) Benzene-d6	5.10	84	192077	18.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.24%
33) 1,2-Dichloropropane-d6	6.12	67	73883	22.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.96%
37) Toluene-d8	7.36	98	159280	15.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.20%
38) trans-1,3-Dichloropropene-	7.66	79	24561	18.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.96%
39) 2-Hexanone-d5	8.13	63	28588	49.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	73365	25.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.32%
61) 1,2-Dichlorobenzene-d4	11.67	152	64429	21.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.88%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.14	96	32909	16.855 ug/L #	81
13) Acetone	2.19	43	3060	4.560 ug/L	91
34) Benzene	5.14	78	247900	25.614 ug/L	100
35) Trichloroethene	5.96	95	57755	20.921 ug/L	98
44) Toluene	7.43	91	255170	23.889 ug/L	98
52) Chlorobenzene	8.93	112	179186	24.036 ug/L	99
56) Styrene	9.61	104	5785	0.762 ug/L	99

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

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