

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010406.D
 Acq On : 20 Apr 2019 01:53
 Operator : SY/MD
 Sample : K2456-23
 Misc : 5.09G/10mL/MSVOA V/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHP1

Quant Time: Apr 20 04:39:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 20 04:30:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.68	114	1563	25.00	ug/L	0.02
28) Chlorobenzene-d5	8.89	117	162	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.32	152	250	25.00	ug/L	0.02

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	1100	55.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	221.68%#
7) Chloroethane-d5	1.59	69	706	42.35	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	169.40%#
10) 1,1-Dichloroethene-d2	2.14	63	1472	30.74	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	122.96%#
20) 2-Butanone-d5	0.00	46	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
24) Chloroform-d	4.38	84	268	6.52	ug/L	-0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	26.08%#
26) 1,2-Dichloroethane-d4	5.09	65	243	10.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	40.08%#
29) Benzene-d6	5.10	84	2770	334.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	1336.16%#
33) 1,2-Dichloropropane-d6	6.12	67	813	335.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	1340.00%#
37) Toluene-d8	7.37	98	1165	146.14	ug/L	0.01
Spiked Amount	25.000	Range	30 - 130	Recovery	=	584.56%#
38) trans-1,3-Dichloropropene-	7.69	79	51	42.73	ug/L	0.04
Spiked Amount	25.000	Range	30 - 135	Recovery	=	170.92%#
39) 2-Hexanone-d5	8.14	63	40	74.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.04%#
48) 1,1,2,2-Tetrachloroethane-	10.28	84	385	158.62	ug/L	0.02
Spiked Amount	25.000	Range	45 - 120	Recovery	=	634.48%#
61) 1,2-Dichlorobenzene-d4	11.68	152	212	21.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.28%

Target Compounds

					Ovalue
3) Chloromethane	1.25	50	146	7.086	ug/L # 41
5) Vinyl chloride	1.13	62	43	1.998	ug/L # 41
6) Bromomethane	1.54	94	153	11.113	ug/L 100
8) Chloroethane	1.59	64	130	9.476	ug/L # 44
13) Acetone	2.20	43	75	11.498	ug/L # 45
15) Methyl Acetate	2.48	43	42	3.945	ug/L # 47
16) Methylene chloride	2.55	84	51	2.043	ug/L 83
17) Methyl tert-butyl Ether	2.95	73	44	0.900	ug/L # 1
21) 2-Butanone	4.13	43	19	2.687	ug/L # 49
22) cis-1,2-Dichloroethene	4.13	96	51	2.324	ug/L # 1
36) Methylcyclohexane	6.12	83	167	49.035	ug/L # 21
40) 1,2-Dichloropropane	6.11	63	51	25.153	ug/L # 86
43) 4-Methyl-2-pentanone	7.08	43	44	27.776	ug/L # 1
49) 2-Hexanone	8.10	43	57	51.406	ug/L # 37
69) Naphthalene	13.57	128	1345	71.867	ug/L # 73

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

