

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042219\
 Data File : VV010420.D
 Acq On : 22 Apr 2019 18:30
 Operator : SY/MD
 Sample : K2456-02
 Misc : 5.01G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHQ2

Quant Time: Apr 23 07:00:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 06:57:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	1325	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	360	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	203	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	557	30.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.04%
7) Chloroethane-d5	1.59	69	616	43.38	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	173.52%#
10) 1,1-Dichloroethene-d2	2.14	63	1086	31.86	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	127.44%#
20) 2-Butanone-d5	3.96	46	44	10.31	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	20.62%
24) Chloroform-d	4.41	84	913	28.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.80%
26) 1,2-Dichloroethane-d4	5.08	65	306	15.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	61.60%#
29) Benzene-d6	5.11	84	631	37.96	ug/L	0.02
Spiked Amount	25.000	Range	20 - 135	Recovery	=	151.84%#
33) 1,2-Dichloropropane-d6	6.12	67	539	109.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	439.80%#
37) Toluene-d8	7.37	98	395	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.28%
38) trans-1,3-Dichloropropene-	0.00	79	0	0.00	ug/L	
Spiked Amount	25.000	Range	30 - 135	Recovery	=	0.00%#
39) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
48) 1,1,2,2-Tetrachloroethane-	10.27	84	337	70.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	282.20%#
61) 1,2-Dichlorobenzene-d4	11.67	152	102	13.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	52.88%#

Target Compounds

					Ovalue
3) Chloromethane	1.26	50	110	6.560	ug/L # 43
6) Bromomethane	1.54	94	91	8.811	ug/L 32
8) Chloroethane	1.57	64	66	5.925	ug/L # 43
12) 1,1-Dichloroethene	2.36	96	45	2.697	ug/L # 1
13) Acetone	2.17	43	43	9.399	ug/L # 41
15) Methyl Acetate	2.24	43	55	8.077	ug/L # 51
16) Methylene chloride	2.54	84	185	9.521	ug/L 84
21) 2-Butanone	4.22	43	41	8.409	ug/L # 51
22) cis-1,2-Dichloroethene	3.84	96	55	3.306	ug/L # 1
43) 4-Methyl-2-pentanone	7.56	43	44	15.129	ug/L # 1
44) Toluene	7.44	91	98	5.096	ug/L 78
49) 2-Hexanone	8.13	43	42	20.341	ug/L # 42
53) Ethylbenzene	9.06	91	143	6.360	ug/L # 42
54) m,p-Xylene	9.18	106	75	8.509	ug/L # 47
55) o-xylene	9.59	106	234	26.653	ug/L 69
56) Styrene	9.62	104	131	9.044	ug/L # 29
59) 1,2,3-Trichloropropane	11.03	75	158	46.866	ug/L # 39

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Naphthalene	13.55	128	127528	11087.360	ug/L	99

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

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