

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042219\
 Data File : VV010428.D
 Acq On : 22 Apr 2019 23:01
 Operator : SY/MD
 Sample : K2456-16
 Misc : 5.01G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHN6

Quant Time: Apr 23 07:01:33 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	750	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.91	117	756	25.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.30	152	140	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	846	81.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	327.48%#
7) Chloroethane-d5	1.59	69	802	99.78	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	399.12%#
10) 1,1-Dichloroethene-d2	2.14	63	1331	68.99	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	275.96%#
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	4.41	84	1860	101.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	405.92%#
26) 1,2-Dichloroethane-d4	5.08	65	219	19.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.92%
29) Benzene-d6	5.11	84	1495	42.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	171.32%#
33) 1,2-Dichloropropane-d6	6.12	67	381	37.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	148.04%#
37) Toluene-d8	7.36	98	316	8.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	35.16%
38) trans-1,3-Dichloropropene-	7.69	79	57	11.24	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	44.96%
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-	10.26	84	87	8.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	34.68%#
61) 1,2-Dichlorobenzene-d4	11.68	152	131	24.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.48%

Target Compounds

					Ovalue
3) Chloromethane	1.26	50	179	18.860	ug/L # 43
6) Bromomethane	1.54	94	205	35.067	ug/L # 2
8) Chloroethane	1.59	64	24	3.807	ug/L # 43
13) Acetone	2.18	43	95	36.685	ug/L # 41
15) Methyl Acetate	2.42	43	72	18.679	ug/L # 51
16) Methylene chloride	2.55	84	134	12.183	ug/L # 61
19) 1,1-Dichloroethane	3.28	63	102	6.833	ug/L # 50
21) 2-Butanone	3.86	43	58	21.015	ug/L # 51
30) Cyclohexane	4.50	56	42	3.136	ug/L # 1
36) Methylcyclohexane	6.13	83	71	4.690	ug/L # 19
43) 4-Methyl-2-pentanone	7.21	43	43	7.041	ug/L # 1
44) Toluene	7.45	91	42	1.040	ug/L # 35
49) 2-Hexanone	8.16	43	46	10.609	ug/L # 42
53) Ethylbenzene	9.18	91	76	1.610	ug/L # 42
54) m,p-Xylene	9.19	106	94	5.079	ug/L # 1
55) o-xylene	9.60	106	84	4.556	ug/L # 87
69) Naphthalene	13.56	128	898	113.205	ug/L # 76

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

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