

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010365.D
 Acq On : 18 Apr 2019 22:39
 Operator : SY/MD
 Sample : K2402-04
 Misc : 4.99G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHH6

Quant Time: Apr 19 06:13:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 06:08:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.68	114	3047	25.00	ug/L	0.01
28) Chlorobenzene-d5	8.90	117	4314	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	962	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	106	2.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	10.96%#
7) Chloroethane-d5	1.58	69	471	14.49	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.96%
10) 1,1-Dichloroethene-d2	2.13	63	141	1.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	6.04%#
20) 2-Butanone-d5	3.95	46	622	51.62	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.24%
24) Chloroform-d	4.41	84	2714	33.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	135.52%
26) 1,2-Dichloroethane-d4	5.09	65	1933	40.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	163.52%#
29) Benzene-d6	5.10	84	1548	7.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	28.04%
33) 1,2-Dichloropropane-d6	6.12	67	2377	36.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	147.12%#
37) Toluene-d8	7.36	98	2849	13.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	53.68%
38) trans-1,3-Dichloropropene-	7.68	79	119	3.74	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	14.96%#
39) 2-Hexanone-d5	8.14	63	141	9.80	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	19.60%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	3721	57.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	230.28%#
61) 1,2-Dichlorobenzene-d4	11.68	152	928	24.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.16%

Target Compounds

					Ovalue
3) Chloromethane	1.25	50	319	7.942	ug/L # 41
5) Vinyl chloride	1.41	62	39	0.929	ug/L # 1
6) Bromomethane	1.54	94	220	8.197	ug/L 57
8) Chloroethane	1.63	64	55	2.057	ug/L 90
12) 1,1-Dichloroethene	2.14	96	50	1.263	ug/L # 1
13) Acetone	2.20	43	533	41.915	ug/L 71
15) Methyl Acetate	2.46	43	136	6.552	ug/L # 47
16) Methylene chloride	2.55	84	1341	27.554	ug/L 79
19) 1,1-Dichloroethane	3.08	63	54	0.842	ug/L # 49
21) 2-Butanone	3.95	43	116	8.415	ug/L # 49
35) Trichloroethene	5.67	95	129	2.071	ug/L # 3
36) Methylcyclohexane	6.14	83	148	1.632	ug/L # 42
40) 1,2-Dichloropropane	6.13	63	124	2.297	ug/L # 86
59) 1,2,3-Trichloropropane	9.74	75	47	1.032	ug/L # 1
69) Naphthalene	13.57	128	204	2.833	ug/L # 62

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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