

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041619\
 Data File : VV010335.D
 Acq On : 16 Apr 2019 16:11
 Operator : SY/MD
 Sample : K2402-12
 Misc : 5.07G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHJ2

Quant Time: Apr 16 23:11:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 16 23:09:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	291	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	85	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.31	152	124	25.00	ug/L	0.01

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	723	215.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	863.36%#
7) Chloroethane-d5	1.59	69	702	243.85	ug/L	0.03
Spiked Amount	25.000	Range	30 - 150	Recovery	=	975.40%#
10) 1,1-Dichloroethene-d2	2.14	63	890	104.38	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	417.52%#
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	4.40	84	499	75.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	300.36%#
26) 1,2-Dichloroethane-d4	5.09	65	132	34.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	139.52%#
29) Benzene-d6	5.11	84	829	202.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	809.08%#
33) 1,2-Dichloropropane-d6	6.12	67	246	201.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	807.16%#
37) Toluene-d8	7.36	98	221	55.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	221.16%#
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-	10.29	84	60	54.84	ug/L	0.03
Spiked Amount	25.000	Range	45 - 120	Recovery	=	219.36%#
61) 1,2-Dichlorobenzene-d4	11.68	152	182	39.74	ug/L	0.01
Spiked Amount	25.000	Range	75 - 120	Recovery	=	158.96%#

Target Compounds

					Ovalue
3) Chloromethane	1.26	50	48	12.544	ug/L # 1
8) Chloroethane	1.71	64	47	18.318	ug/L # 42
12) 1,1-Dichloroethene	2.11	96	88	22.921	ug/L # 1
13) Acetone	2.21	43	214	236.273	ug/L 81
14) Carbon disulfide	2.16	76	43	4.638	ug/L # 76
15) Methyl Acetate	2.34	43	81	50.213	ug/L # 51
16) Methylene chloride	2.53	84	134	23.513	ug/L # 69
17) Methyl tert-butyl Ether	3.10	73	43	5.176	ug/L # 1
19) 1,1-Dichloroethane	3.08	63	44	7.332	ug/L # 48
21) 2-Butanone	4.06	43	21	20.328	ug/L # 1
25) Chloroform	4.42	83	43	6.033	ug/L # 55
42) cis-1,3-Dichloropropene	6.76	75	41	25.662	ug/L # 43
43) 4-Methyl-2-pentanone	7.33	43	45	65.947	ug/L # 1
45) trans-1,3-Dichloropropene	7.64	75	50	37.289	ug/L # 43
49) 2-Hexanone	8.15	43	45	100.302	ug/L # 39
53) Ethylbenzene	9.32	91	46	8.612	ug/L # 42
59) 1,2,3-Trichloropropane	10.64	75	43	52.858	ug/L # 41

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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69) Naphthalene	13.63	128	41	7.729	ug/L #	69
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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