

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010374.D
 Acq On : 19 Apr 2019 05:59
 Operator : SY/MD
 Sample : K2402-11
 Misc : 5.06G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHJ1

Quant Time: Apr 19 09:23:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 09:02:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	72	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	382	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	404	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.36	65	76	83.13	ug/L	0.05
Spiked Amount	25.000	Range	30 - 150	Recovery	=	332.52%#
7) Chloroethane-d5	1.52	69	50	65.11	ug/L	-0.05
Spiked Amount	25.000	Range	30 - 150	Recovery	=	260.44%#
10) 1,1-Dichloroethene-d2	1.82	63	48	21.76	ug/L	-0.31
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.04%
20) 2-Butanone-d5	3.94	46	756	2655.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	5310.38%#
24) Chloroform-d	4.41	84	170	89.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	359.24%#
26) 1,2-Dichloroethane-d4	5.08	65	561	502.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	2008.24%#
29) Benzene-d6	5.11	84	262	13.40	ug/L	0.02
Spiked Amount	25.000	Range	20 - 135	Recovery	=	53.60%
33) 1,2-Dichloropropane-d6	6.12	67	43	7.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	30.04%#
37) Toluene-d8	7.36	98	196	10.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	41.72%
38) trans-1,3-Dichloropropene-	7.80	79	85	30.20	ug/L	0.14
Spiked Amount	25.000	Range	30 - 135	Recovery	=	120.80%
39) 2-Hexanone-d5	8.14	63	625	490.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	981.00%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	2476	432.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	1730.44%#
61) 1,2-Dichlorobenzene-d4	11.67	152	399	25.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	218	229.685	ug/L #	50
5) Vinyl chloride	1.30	62	74	74.634	ug/L #	1
6) Bromomethane	1.58	94	47	74.109	ug/L	98
8) Chloroethane	1.60	64	273	432.009	ug/L #	44
9) Trichlorofluoromethane	1.76	101	40	19.643	ug/L #	1
12) 1,1-Dichloroethene	2.14	96	44	47.042	ug/L #	1
13) Acetone	2.19	43	1074	3574.263	ug/L	69
14) Carbon disulfide	2.31	76	139	60.247	ug/L #	75
15) Methyl Acetate	2.44	43	44	89.710	ug/L #	47
16) Methylene chloride	2.53	84	1007	875.632	ug/L	83
21) 2-Butanone	4.09	43	62	190.341	ug/L #	49
25) Chloroform	4.40	83	54	30.573	ug/L #	17
30) Cyclohexane	4.68	56	73	10.427	ug/L #	1
40) 1,2-Dichloropropane	6.00	63	43	8.994	ug/L #	86
43) 4-Methyl-2-pentanone	7.31	43	46	12.315	ug/L #	1
49) 2-Hexanone	8.20	43	48	18.358	ug/L #	37
53) Ethylbenzene	9.18	91	195	8.167	ug/L #	42

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) o-xylene	9.59	106	84	9.424	ug/L #	23
59) 1,2,3-Trichloropropane	10.67	75	43	10.662	ug/L #	1
63) 1,3-Dichlorobenzene	11.23	146	49	1.989	ug/L #	25
64) 1,4-Dichlorobenzene	11.23	146	49	1.929	ug/L #	25
67) 1,3,5-Trichlorobenzene	12.69	180	112	5.465	ug/L #	42
68) 1,2,4-trichlorobenzene	13.31	180	41	2.504	ug/L #	1
69) Naphthalene	13.55	128	1946839	64371.645	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	124	7.792	ug/L #	92

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

