

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010384.D
 Acq On : 19 Apr 2019 13:30
 Operator : SY/MD
 Sample : K2402-09MSD
 Misc : 5.06G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHH9MSD

Quant Time: Apr 20 04:19:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 20 02:27:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	408459	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	355363	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	202739	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61332	11.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.28%
7) Chloroethane-d5	1.57	69	52580	12.07	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.28%
10) 1,1-Dichloroethene-d2	2.13	63	156203	12.48	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.92%
20) 2-Butanone-d5	3.94	46	51097	31.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.26%
24) Chloroform-d	4.40	84	160810	14.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	59.92%
26) 1,2-Dichloroethane-d4	5.08	65	104053	16.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	65.64%#
29) Benzene-d6	5.10	84	290798	15.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	63.96%
33) 1,2-Dichloropropane-d6	6.12	67	90967	17.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	68.36%#
37) Toluene-d8	7.36	98	264144	15.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	60.44%
38) trans-1,3-Dichloropropene-	7.66	79	37996	14.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.04%
39) 2-Hexanone-d5	8.13	63	38930	32.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.68%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	80943	15.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	60.80%
61) 1,2-Dichlorobenzene-d4	11.67	152	114584	14.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	57.52%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	113597	21.408	ug/L	77
13) Acetone	2.19	43	3636	2.133	ug/L	87
16) Methylene chloride	2.53	84	16047	2.460	ug/L	99
34) Benzene	5.15	78	471360	27.182	ug/L	100
35) Trichloroethene	5.96	95	126564	24.669	ug/L	97
36) Methylcyclohexane	6.18	83	10202	1.366	ug/L #	85
44) Toluene	7.43	91	517931	26.493	ug/L	99
52) Chlorobenzene	8.92	112	336664	24.750	ug/L	96
53) Ethylbenzene	9.05	91	128505	5.786	ug/L	98
54) m,p-Xylene	9.18	106	1172396	136.363	ug/L	99
55) o-xylene	9.59	106	548420	66.140	ug/L	99
56) Styrene	9.60	104	263980	18.644	ug/L	81
57) Isopropylbenzene	9.97	105	150351	6.805	ug/L	98

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

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