

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010404.D
 Acq On : 20 Apr 2019 00:59
 Operator : SY/MD
 Sample : K2456-20MSD
 Misc : 5.02G/10mL/MSVOA V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHN8MSD

Quant Time: Apr 20 05:54:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 20 04:30:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	38935	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	37088	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	15319	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	10028	20.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.12%
7) Chloroethane-d5	1.58	69	9350	22.51	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.04%
10) 1,1-Dichloroethene-d2	2.13	63	18999	15.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.72%
20) 2-Butanone-d5	3.94	46	8991	58.39	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.78%
24) Chloroform-d	4.41	84	28507	27.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.40%
26) 1,2-Dichloroethane-d4	5.09	65	21203	35.09	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	140.36%#
29) Benzene-d6	5.10	84	48257	25.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.68%
33) 1,2-Dichloropropane-d6	6.12	67	16704	30.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.28%#
37) Toluene-d8	7.36	98	43794	24.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.00%
38) trans-1,3-Dichloropropene-	7.67	79	6230	22.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.20%
39) 2-Hexanone-d5	8.14	63	6075	49.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	20078	36.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	144.52%#
61) 1,2-Dichlorobenzene-d4	11.68	152	17201	28.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.24%

Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.14	96	10238	20.241 ug/L	88
16) Methylene chloride	2.54	84	3759	6.044 ug/L	78
34) Benzene	5.15	78	48312	26.694 ug/L	100
35) Trichloroethene	5.96	95	13907	25.972 ug/L	97
44) Toluene	7.43	91	58340	28.594 ug/L	95
52) Chlorobenzene	8.93	112	40042	28.205 ug/L	95

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

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