

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042219\
 Data File : VV010437.D
 Acq On : 23 Apr 2019 05:02
 Operator : SY/MD
 Sample : K2456-20MSD
 Misc : 5.06G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHN8MSD

Manual Integrations
 APPROVED

MMDadoda
 4/25/2019 9:20:42 AM

Quant Time: Apr 23 08:10:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 07:55:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	28199	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	30002	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.31	152	9202	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	3694	9.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	38.04%
7) Chloroethane-d5	1.58	69	5263	17.42	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.68%
10) 1,1-Dichloroethene-d2	2.13	63	8911	12.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.12%
20) 2-Butanone-d5	3.95	46	5812m	63.98	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.96%
24) Chloroform-d	4.40	84	16950	24.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.08	65	14396	34.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	136.20%#
29) Benzene-d6	5.10	84	27860	20.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.44%
33) 1,2-Dichloropropane-d6	6.12	67	10991	26.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.60%
37) Toluene-d8	7.36	98	26998	18.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.68%
38) trans-1,3-Dichloropropene-	7.67	79	3671	18.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.96%
39) 2-Hexanone-d5	8.14	63	2062	25.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.82%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	12181	30.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.40%#
61) 1,2-Dichlorobenzene-d4	11.68	152	9006	25.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	4771	13.436	ug/L	88
16) Methylene chloride	2.53	84	2107	5.095	ug/L	99
34) Benzene	5.15	78	33036	24.911	ug/L	100
35) Trichloroethene	5.96	95	8432	20.966	ug/L	96
44) Toluene	7.43	91	35070	21.883	ug/L	99
52) Chlorobenzene	8.93	112	27263	24.265	ug/L	98

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

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