

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042219\
 Data File : VV010447.D
 Acq On : 23 Apr 2019 10:27
 Operator : SY/MD
 Sample : K2481-07
 Misc : 5.08G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHW2

Manual Integrations
 APPROVED

MMDadoda
 4/25/2019 9:20:45 AM

Quant Time: Apr 24 02:56:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 02:09:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	39426	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	26259	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	8032	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	10420	19.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.72%
7) Chloroethane-d5	1.58	69	9811	23.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.88%
10) 1,1-Dichloroethene-d2	2.13	63	15905	15.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.72%
20) 2-Butanone-d5	3.94	46	6650m	52.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.72%
24) Chloroform-d	4.40	84	25091	26.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.16%
26) 1,2-Dichloroethane-d4	5.08	65	14920	25.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.96%
29) Benzene-d6	5.10	84	40109	33.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	132.32%
33) 1,2-Dichloropropane-d6	6.12	67	12269	34.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	137.24%#
37) Toluene-d8	7.36	98	27894	22.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.36%
38) trans-1,3-Dichloropropene-	7.66	79	3726	21.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.64%
39) 2-Hexanone-d5	8.14	63	3487	49.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.18%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	8028	23.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	6401	20.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.19	43	1924	14.133	ug/L	70
16) Methylene chloride	2.53	84	1448	2.504	ug/L	99
44) Toluene	7.43	91	71820	51.203	ug/L	93
54) m,p-Xylene	9.18	106	19749	30.718	ug/L	83
55) o-xylene	9.59	106	6791	10.604	ug/L	94
56) Styrene	9.61	104	5285m	5.002	ug/L	
57) Isopropylbenzene	9.98	105	4908	2.837	ug/L #	88

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

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