

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010115.D
 Acq On : 24 Apr 2019 16:18
 Operator : SY/VA
 Sample : K2456-02RE
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHQ2RE

Manual Integrations
 APPROVED

MMdadoda
 4/26/2019 12:51:21 PM

Quant Time: Apr 25 02:02:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 01:36:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	249778	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	215680	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	60260	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	65851	27.58	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.32%
7) Chloroethane-d5	2.89	69	56911	28.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.36%
10) 1,1-Dichloroethene-d2	3.99	63	152292	21.73	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.92%
20) 2-Butanone-d5	7.08	46	69169	61.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.70%
24) Chloroform-d	7.64	84	206212	31.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	124.04%
26) 1,2-Dichloroethane-d4	8.30	65	125531m	32.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	129.12%
29) Benzene-d6	8.27	84	403101	33.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	132.00%
33) 1,2-Dichloropropane-d6	9.27	67	130098	34.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	136.64%#
37) Toluene-d8	10.32	98	337337	30.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	121.60%
38) trans-1,3-Dichloropropene-	10.58	79	50787	28.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	115.76%
39) 2-Hexanone-d5	10.93	63	49564	61.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82393	26.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	62429	27.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.90	84	10487	2.996	ug/L	94
44) Toluene	10.38	91	209899	15.114	ug/L	99
53) Ethylbenzene	11.73	91	81625	5.237	ug/L	94
54) m,p-Xylene	11.84	106	212691	36.890	ug/L	98
55) o-xylene	12.16	106	160243	29.310	ug/L	94
56) Styrene	12.18	104	193931	20.857	ug/L	96

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

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