

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
 Data File : VW010065.D
 Acq On : 19 Apr 2019 14:21
 Operator : SY/VA
 Sample : K2455-15
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHR5

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 6:57:01 AM

Quant Time: Apr 20 04:19:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 20 03:50:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	671609	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	586343	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	194802	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	153377	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.68%
7) Chloroethane-d5	2.89	69	143900	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.52%
10) 1,1-Dichloroethene-d2	4.01	63	325388	18.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.96%
20) 2-Butanone-d5	7.08	46	139967	40.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.54%
24) Chloroform-d	7.64	84	445814	22.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.84%
26) 1,2-Dichloroethane-d4	8.31	65	263287	21.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.40%
29) Benzene-d6	8.27	84	846283	26.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.04%
33) 1,2-Dichloropropane-d6	9.27	67	267028	26.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.08%
37) Toluene-d8	10.32	98	714820	24.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.28%
38) trans-1,3-Dichloropropene-	10.58	79	106672	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.68%
39) 2-Hexanone-d5	10.93	63	102439	45.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.08%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	195564	20.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	170662	23.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.20%

Target Compounds

					Ovalue
13) Acetone	4.12	43	92766	30.385	ug/L 99
14) Carbon disulfide	4.37	76	21863	0.951	ug/L 99
16) Methylene chloride	4.91	84	48825m	4.015	ug/L
21) 2-Butanone	7.17	43	34504	8.631	ug/L 100
53) Ethylbenzene	11.73	91	7646203	186.686	ug/L 99
54) m,p-Xylene	11.84	106	21030	1.404	ug/L 89
55) o-xylene	12.16	106	404840	28.175	ug/L 97
57) Isopropylbenzene	12.46	105	977684	25.546	ug/L 99

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

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