

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
 Data File : VW010064.D
 Acq On : 19 Apr 2019 13:52
 Operator : SY/VA
 Sample : K2455-14
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHR4

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 6:57:00 AM

Quant Time: Apr 20 04:14:29 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	67227	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	64371	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	25168	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	19170	30.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.72%
7) Chloroethane-d5	2.88	69	16870	26.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.88%
10) 1,1-Dichloroethene-d2	4.01	63	40015	22.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.84%
20) 2-Butanone-d5	7.08	46	16745m	48.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.44%
24) Chloroform-d	7.64	84	50841	26.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.64%
26) 1,2-Dichloroethane-d4	8.31	65	33257	27.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.32%
29) Benzene-d6	8.27	84	97407	27.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.16%
33) 1,2-Dichloropropane-d6	9.27	67	30363	26.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.80%
37) Toluene-d8	10.32	98	72456	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.80%
38) trans-1,3-Dichloropropene-	10.58	79	11633	21.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.12%
39) 2-Hexanone-d5	10.92	63	8670	34.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	25233	23.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	23427	24.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.04%

Target Compounds					Ovalue
16) Methylene chloride	4.91	84	9550	7.846 ug/L	96

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

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