

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041619\
 Data File : VW010004.D
 Acq On : 16 Apr 2019 18:47
 Operator : SY/VA
 Sample : K2402-02
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHH4

Manual Integrations
 APPROVED

MMDadoda
 4/18/2019 12:41:35 AM

Quant Time: Apr 17 01:24:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 00:43:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	493989	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	488163	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	212256	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	114216	24.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.88%
7) Chloroethane-d5	2.89	69	104264	22.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.20%
10) 1,1-Dichloroethene-d2	4.01	63	232896m	17.99	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.96%
20) 2-Butanone-d5	7.07	46	114185	45.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.44%
24) Chloroform-d	7.65	84	325053	22.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	8.31	65	209703	23.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.68%
29) Benzene-d6	8.27	84	607336	22.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.56%
33) 1,2-Dichloropropane-d6	9.27	67	197762	23.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.56%
37) Toluene-d8	10.32	98	532693	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.04%
38) trans-1,3-Dichloropropene-	10.58	79	86875	21.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.76%
39) 2-Hexanone-d5	10.93	63	79238	41.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	176387	22.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	193191	24.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.84%

Target Compounds					Ovalue
13) Acetone	4.12	43	8662	3.857 ug/L	93
16) Methylene chloride	4.91	84	32949	3.684 ug/L	99

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

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