

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040519\
 Data File : VW009725.D
 Acq On : 05 Apr 2019 11:51
 Operator : SY/VA
 Sample : K2246-15
 Misc : 5.47G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2Q3

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:32:55 AM

Quant Time: Apr 05 13:50:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 08:15:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	422894	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	416339	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	181855	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	91948	16.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.48%
7) Chloroethane-d5	2.89	69	94958	18.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.92%
10) 1,1-Dichloroethene-d2	4.01	63	171944	14.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.80%
20) 2-Butanone-d5	7.07	46	84001	46.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.50%
24) Chloroform-d	7.64	84	246131	21.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.32%
26) 1,2-Dichloroethane-d4	8.30	65	159039	22.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.80%
29) Benzene-d6	8.27	84	452925	20.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.88%
33) 1,2-Dichloropropane-d6	9.27	67	145114	21.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.00%
37) Toluene-d8	10.32	98	393472	19.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.88%
38) trans-1,3-Dichloropropene-	10.57	79	59365	18.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.76%
39) 2-Hexanone-d5	10.93	63	51381	40.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138251	22.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	149053	23.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.44%

Target Compounds					Ovalue
16) Methylene chloride	4.93	84	16785m	2.251	ug/L
47) Tetrachloroethene	10.86	164	27398	5.307	ug/L

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

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