

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111419\
 Data File : VW014022.D
 Acq On : 14 Nov 2019 15:53
 Operator : SY/VA
 Sample : K5798-17
 Misc : 4.12G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFLX6

Manual Integrations
 APPROVED

MMDadoda
 11/15/2019 9:43:09 AM

Quant Time: Nov 15 03:21:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 01:46:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	334049	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	267910	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	89555	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118371	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.84%
7) Chloroethane-d5	2.89	69	105046	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.24%
10) 1,1-Dichloroethene-d2	4.02	63	183452	16.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.08%
20) 2-Butanone-d5	7.07	46	106137	68.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.10%#
24) Chloroform-d	7.64	84	229414	22.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.36%
26) 1,2-Dichloroethane-d4	8.30	65	152505	29.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.12%
29) Benzene-d6	8.27	84	587515	30.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.64%
33) 1,2-Dichloropropane-d6	9.27	67	186143	33.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	133.72%#
37) Toluene-d8	10.32	98	483639	26.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.32%
38) trans-1,3-Dichloropropene-	10.57	79	60228	25.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.04%
39) 2-Hexanone-d5	10.92	63	75517	71.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.04%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	89254	21.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	110315	30.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.64%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	12171	7.725	ug/L	95
15) Methyl Acetate	4.67	43	15105	5.925	ug/L	96
16) Methylene chloride	4.93	84	14091m	2.191	ug/L	
25) Chloroform	7.67	83	55769	5.733	ug/L	95
35) Trichloroethene	9.09	95	46346	8.841	ug/L	99
44) Toluene	10.39	91	8159	0.381	ug/L	96
47) Tetrachloroethene	10.86	164	7095	1.519	ug/L	89
65) 1,2-Dichlorobenzene	13.86	146	8644	1.552	ug/L	95

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

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