

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120519\
 Data File : VW014221.D
 Acq On : 05 Dec 2019 18:49
 Operator : SY/VA
 Sample : K6149-04MSD
 Misc : 4.82G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBBL1MSD

Manual Integrations
 APPROVED

apatel
 12/6/2019 2:55:47 PM

Quant Time: Dec 06 07:22:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 06:50:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1379667	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1200891	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	534731	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	450175	21.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.20%
7) Chloroethane-d5	2.89	69	327423	21.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.32%
10) 1,1-Dichloroethene-d2	4.02	63	790214	21.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.64%
20) 2-Butanone-d5	7.07	46	180757	33.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.40%
24) Chloroform-d	7.64	84	708821	20.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.72%
26) 1,2-Dichloroethane-d4	8.31	65	361982	19.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.60%
29) Benzene-d6	8.27	84	1557166	22.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.48%
33) 1,2-Dichloropropane-d6	9.27	67	467936	21.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.44%
37) Toluene-d8	10.32	98	1406811	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.44%
38) trans-1,3-Dichloropropene-	10.58	79	178986	19.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.80%
39) 2-Hexanone-d5	10.92	63	146985	34.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	318936	18.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	436560	21.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.48%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	4.04	96	386439	20.975 ug/L	83
13) Acetone	4.12	43	66208	12.613 ug/L	100
16) Methylene chloride	4.91	84	36831m	1.741 ug/L	
21) 2-Butanone	7.17	43	18820m	2.671 ug/L	
34) Benzene	8.32	78	1736042	22.831 ug/L	100
35) Trichloroethene	9.09	95	434890	22.354 ug/L	97
44) Toluene	10.38	91	1826482	22.912 ug/L	98
52) Chlorobenzene	11.66	112	1130330	21.939 ug/L	98

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

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