

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121319\
 Data File : VW014351.D
 Acq On : 13 Dec 2019 15:56
 Operator : SY/VA
 Sample : K6270-02
 Misc : 5.58G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK80

Manual Integrations
 APPROVED

apatel
 12/16/2019 1:11:37 PM

Quant Time: Dec 14 05:36:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 14 04:28:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1263480	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1146405	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	509424	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	360288	18.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.32%
7) Chloroethane-d5	2.89	69	287453	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.84%
10) 1,1-Dichloroethene-d2	4.02	63	514559	15.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.92%
20) 2-Butanone-d5	7.07	46	279930	56.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.30%
24) Chloroform-d	7.64	84	719335	22.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.44%
26) 1,2-Dichloroethane-d4	8.30	65	420960m	24.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.84%
29) Benzene-d6	8.27	84	1489137	22.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.64%
33) 1,2-Dichloropropane-d6	9.27	67	481347	23.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.16%
37) Toluene-d8	10.32	98	1317399	21.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.72%
38) trans-1,3-Dichloropropene-	10.57	79	196778	22.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.76%
39) 2-Hexanone-d5	10.92	63	241450	58.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	439619	26.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	454878	23.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.48%

Target Compounds

					Ovalue
13) Acetone	4.12	43	29532	6.144 ug/L	97
30) Cyclohexane	7.95	56	23881	0.835 ug/L #	60
34) Benzene	8.32	78	85965	1.184 ug/L	100
44) Toluene	10.38	91	203580	2.675 ug/L	98
53) Ethylbenzene	11.73	91	65124	0.789 ug/L	98
54) m,p-Xylene	11.83	106	39078	1.230 ug/L	96
55) o-xylene	12.16	106	15055	0.500 ug/L	97

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

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