

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032620\
 Data File : VW015145.D
 Acq On : 26 Mar 2020 10:56
 Operator : SY/VA
 Sample : L1986-02RE
 Misc : 4.73G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF6T1RE

Manual Integrations
 APPROVED

apatel
 3/27/2020 5:59:20 PM

Quant Time: Mar 27 01:16:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 27 01:00:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	526985	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	431617	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	115978	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	229154	25.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.72%
7) Chloroethane-d5	2.89	69	201807	26.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.56%
10) 1,1-Dichloroethene-d2	4.01	63	340805	18.63	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.52%
20) 2-Butanone-d5	7.08	46	84504	40.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.58%
24) Chloroform-d	7.65	84	393127	24.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.88%
26) 1,2-Dichloroethane-d4	8.31	65	219075m	24.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.08%
29) Benzene-d6	8.27	84	772316	27.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.84%
33) 1,2-Dichloropropane-d6	9.27	67	253136	27.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.32%
37) Toluene-d8	10.32	98	616205	26.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.68%
38) trans-1,3-Dichloropropene-	10.58	79	82887	23.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.40%
39) 2-Hexanone-d5	10.93	63	52560	38.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127047	20.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	100079	24.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	25047	13.547	ug/L	94
22) cis-1,2-Dichloroethene	7.18	96	2674	0.332	ug/L	90
44) Toluene	10.39	91	21562	0.683	ug/L	98
47) Tetrachloroethene	10.86	164	7323	1.460	ug/L	96
54) m,p-Xylene	11.84	106	7082	0.592	ug/L	84
55) o-xylene	12.16	106	3225	0.288	ug/L	90
56) Styrene	12.18	104	6309	0.331	ug/L	93

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

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