

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022620\
 Data File : VW015045.D
 Acq On : 26 Feb 2020 15:43
 Operator : SY/VA
 Sample : L1686-01
 Misc : 5.90G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAW00

Manual Integrations
 APPROVED

MMDadoda
 2/27/2020 3:37:25 PM

Quant Time: Feb 27 03:29:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 27 02:01:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	689696	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	634603	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	233067	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	378236	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.68%
7) Chloroethane-d5	2.89	69	269351	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.64%
10) 1,1-Dichloroethene-d2	4.02	63	463944m	17.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.12%
20) 2-Butanone-d5	7.07	46	129236	44.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.64%
24) Chloroform-d	7.65	84	518234	22.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.48%
26) 1,2-Dichloroethane-d4	8.31	65	293126	23.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.48%
29) Benzene-d6	8.27	84	1048027	24.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.12%
33) 1,2-Dichloropropane-d6	9.27	67	348527	23.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.48%
37) Toluene-d8	10.32	98	872527	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.96%
38) trans-1,3-Dichloropropene-	10.57	79	124966	23.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.64%
39) 2-Hexanone-d5	10.92	63	105636	54.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	214597	22.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	223890	26.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	39675	11.633	ug/L	97
16) Methylene chloride	4.92	84	34147	2.675	ug/L	93
18) trans-1,2-Dichloroethene	5.43	96	7763	0.728	ug/L	92
22) cis-1,2-Dichloroethene	7.17	96	205286	18.929	ug/L	97
34) Benzene	8.32	78	36056	0.764	ug/L	100
35) Trichloroethene	9.09	95	11616647	1017.295	ug/L	98
44) Toluene	10.38	91	917002	20.002	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	11886	1.611	ug/L	96
47) Tetrachloroethene	10.86	164	12267385	1666.846	ug/L	94

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

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