

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122420\
 Data File : VW017743.D
 Acq On : 24 Dec 2020 17:58
 Operator : SY/VA
 Sample : L5173-12
 Misc : 4.74G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4R8

Manual Integrations
 APPROVED

MMDadoda
 12/26/2020 1:37:44 PM

Quant Time: Dec 25 08:16:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 25 07:46:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	371529	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	299449	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	114119	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	106615	18.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.20%
7) Chloroethane-d5	2.89	69	93759	19.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.04%
10) 1,1-Dichloroethene-d2	4.02	63	134763	13.46	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.84%
20) 2-Butanone-d5	7.08	46	52004	55.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.64%
24) Chloroform-d	7.65	84	196525	20.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.96%
26) 1,2-Dichloroethane-d4	8.31	65	112676	22.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.68%
29) Benzene-d6	8.27	84	378803	22.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.84%
33) 1,2-Dichloropropane-d6	9.27	67	113700	24.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.80%
37) Toluene-d8	10.32	98	325375	20.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.32%
38) trans-1,3-Dichloropropene-	10.58	79	35464	17.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.44%
39) 2-Hexanone-d5	10.93	63	36181	61.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84765	24.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	84257	21.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.80%

Target Compounds

					Ovalue
13) Acetone	4.13	43	10786	13.406	ug/L 98
14) Carbon disulfide	4.39	76	13049	0.954	ug/L 100
16) Methylene chloride	4.93	84	6912	1.301	ug/L 92
17) Methyl tert-butyl Ether	5.41	73	5450m	0.939	ug/L
35) Trichloroethene	9.09	95	6829	1.441	ug/L 98
47) Tetrachloroethene	10.86	164	53812	14.523	ug/L 94

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

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