

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017563.D
 Acq On : 04 Dec 2020 18:02
 Operator : SY/VA
 Sample : L4955-06
 Misc : 5.38G/10ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4K1

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 1:36:40 PM

Quant Time: Dec 20 03:40:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 01:44:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	442305	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	413222	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	187952	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	101310	17.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.64%
7) Chloroethane-d5	2.89	69	90823	18.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.00%
10) 1,1-Dichloroethene-d2	4.03	63	182678	14.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.40%
20) 2-Butanone-d5	7.08	46	59094	48.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.32%
24) Chloroform-d	7.65	84	274910	21.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.52%
26) 1,2-Dichloroethane-d4	8.31	65	139816	22.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.72%
29) Benzene-d6	8.27	84	515368	20.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.12%
33) 1,2-Dichloropropane-d6	9.27	67	155068	22.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.20%
37) Toluene-d8	10.33	98	473334	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.84%
38) trans-1,3-Dichloropropene-	10.58	79	62068	19.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.00%
39) 2-Hexanone-d5	10.93	63	36430	41.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113019	22.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	166850	23.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.92%

Target Compounds

				Ovalue
13) Acetone	4.14	43	3722m	3.152 ug/L
16) Methylene chloride	4.93	84	21255m	3.201 ug/L
25) Chloroform	7.68	83	12909	1.149 ug/L # 72
41) Bromodichloromethane	9.65	83	5518	0.685 ug/L 85
50) Dibromochloromethane	11.13	129	3099	0.568 ug/L 84

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

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