

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120720\
 Data File : VW017581.D
 Acq On : 07 Dec 2020 16:06
 Operator : SY/VA
 Sample : L4955-11
 Misc : 4.86G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4K6

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 9:27:49 AM

Quant Time: Dec 20 04:57:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 03:53:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	379059	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	329482	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	133386	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	82881	16.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.48%
7) Chloroethane-d5	2.89	69	75356	17.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.64%
10) 1,1-Dichloroethene-d2	4.02	63	150586	13.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.24%
20) 2-Butanone-d5	7.10	46	48760m	46.37	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.74%
24) Chloroform-d	7.65	84	228775	21.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.96%
26) 1,2-Dichloroethane-d4	8.31	65	117748	22.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.16%
29) Benzene-d6	8.28	84	426446	21.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.20%
33) 1,2-Dichloropropane-d6	9.27	67	127724	22.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.12%
37) Toluene-d8	10.33	98	374497	20.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.20%
38) trans-1,3-Dichloropropene-	10.58	79	49328	19.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.76%
39) 2-Hexanone-d5	10.93	63	28534	41.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	92066	22.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	102793	20.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.28%

Target Compounds					Ovalue
13) Acetone	4.16	43	19094	18.870 ug/L	60
14) Carbon disulfide	4.40	76	130653	8.691 ug/L	98
16) Methylene chloride	4.92	84	20426	3.589 ug/L	97

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

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