

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120720\
 Data File : VW017575.D
 Acq On : 07 Dec 2020 13:32
 Operator : SY/VA
 Sample : L4955-10
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4K5

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 9:27:31 AM

Quant Time: Dec 20 04:48:01 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	415485	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	371922	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	172543	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	95540	17.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.92%
7) Chloroethane-d5	2.89	69	86943	18.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.40%
10) 1,1-Dichloroethene-d2	4.03	63	173314	14.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.96%
20) 2-Butanone-d5	7.09	46	59159	51.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.66%
24) Chloroform-d	7.65	84	268781	22.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.08%
26) 1,2-Dichloroethane-d4	8.31	65	139845m	24.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.60%
29) Benzene-d6	8.28	84	499332	21.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.32%
33) 1,2-Dichloropropane-d6	9.27	67	149475	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.48%
37) Toluene-d8	10.33	98	449694	21.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.36%
38) trans-1,3-Dichloropropene-	10.58	79	59690	21.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.44%
39) 2-Hexanone-d5	10.93	63	36085	46.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112221	24.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	142840	22.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.44%

Target Compounds					Ovalue
5) Vinyl chloride	2.37	62	3050	0.605 ug/L	# 1
13) Acetone	4.14	43	7911	7.133 ug/L	53
14) Carbon disulfide	4.39	76	34485	2.093 ug/L	100
16) Methylene chloride	4.92	84	27037	4.334 ug/L	95

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

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