

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102120\
 Data File : VW016955.D
 Acq On : 21 Oct 2020 14:00
 Operator : SY/VA
 Sample : L4471-07
 Misc : 5.59G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Z1

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 1:35:57 PM

Quant Time: Oct 21 23:06:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 22:50:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	796478	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	691315	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	314955	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	104812	13.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.36%
7) Chloroethane-d5	2.89	69	94810	14.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.52%
10) 1,1-Dichloroethene-d2	4.02	63	168087	10.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.28%#
20) 2-Butanone-d5	7.09	46	53721	30.19	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.38%
24) Chloroform-d	7.65	84	269816	16.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	64.20%
26) 1,2-Dichloroethane-d4	8.31	65	129930	16.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	64.04%#
29) Benzene-d6	8.27	84	536342	17.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.32%
33) 1,2-Dichloropropane-d6	9.27	67	151792	17.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	71.96%
37) Toluene-d8	10.32	98	478303	16.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.56%
38) trans-1,3-Dichloropropene-	10.58	79	59074	15.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.48%
39) 2-Hexanone-d5	10.93	63	44428	34.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114727	16.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	178414	17.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.44%#

Target Compounds				Ovalue
13) Acetone	4.15	43	3345m	2.484 ug/L

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

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