

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016820.D
 Acq On : 07 Oct 2020 02:14
 Operator : SY/VA
 Sample : L4254-15
 Misc : 5.40G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3T8

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 5:38:55 PM

Quant Time: Oct 07 05:47:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 03:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	643546	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	654486	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	300415	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	159669	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.60%
7) Chloroethane-d5	2.89	69	132665	24.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.64%
10) 1,1-Dichloroethene-d2	4.02	63	218204	16.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.76%
20) 2-Butanone-d5	7.07	46	63605	44.23	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.46%
24) Chloroform-d	7.65	84	310690	22.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.52%
26) 1,2-Dichloroethane-d4	8.31	65	158436m	24.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.64%
29) Benzene-d6	8.27	84	648699	21.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.28%
33) 1,2-Dichloropropane-d6	9.27	67	179731	22.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.00%
37) Toluene-d8	10.32	98	649963	23.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.68%
38) trans-1,3-Dichloropropene-	10.58	79	78117	22.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.68%
39) 2-Hexanone-d5	10.93	63	60606	49.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	152578	23.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	242589	25.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.11	43	6484m	5.958	ug/L	
16) Methylene chloride	4.92	84	12736	1.434	ug/L	93
22) cis-1,2-Dichloroethene	7.17	96	7807	0.880	ug/L	97
35) Trichloroethene	9.09	95	15253	1.534	ug/L	99
47) Tetrachloroethene	10.87	164	14463	1.569	ug/L	91

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

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