

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017130.D
 Acq On : 10 Nov 2020 11:16
 Operator : SY/VA
 Sample : L4659-13
 Misc : 5.90G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4B2

Manual Integrations
 APPROVED

MMDadoda
 11/12/2020 1:42:56 PM

Quant Time: Nov 11 05:52:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 11 05:30:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	489024	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	439204	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	192632	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	144191	23.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.64%
7) Chloroethane-d5	2.89	69	116443	24.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.12%
10) 1,1-Dichloroethene-d2	4.01	63	194789	17.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.72%
20) 2-Butanone-d5	7.08	46	48608	35.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.58%
24) Chloroform-d	7.65	84	273895	23.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.96%
26) 1,2-Dichloroethane-d4	8.31	65	131391	23.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.60%
29) Benzene-d6	8.27	84	553066	24.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.92%
33) 1,2-Dichloropropane-d6	9.27	67	150785	24.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.48%
37) Toluene-d8	10.32	98	535503	25.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.56%
38) trans-1,3-Dichloropropene-	10.58	79	59903	21.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.92%
39) 2-Hexanone-d5	10.93	63	38663	35.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107688	19.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	168821	24.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.52%

Target Compounds

					Ovalue
13) Acetone	4.12	43	6913	7.495 ug/L	96
14) Carbon disulfide	4.39	76	9474	0.574 ug/L	100
16) Methylene chloride	4.92	84	7756m	1.176 ug/L	
17) Methyl tert-butyl Ether	5.43	73	10541	1.422 ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	2433	0.366 ug/L	98
34) Benzene	8.32	78	106481	4.617 ug/L	100
35) Trichloroethene	9.09	95	48891	7.568 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	4958	1.491 ug/L #	92
44) Toluene	10.39	91	5989	0.236 ug/L	90
47) Tetrachloroethene	10.87	164	134311	23.043 ug/L	95

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

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