

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017054.D
 Acq On : 03 Nov 2020 12:33
 Operator : SY/VA
 Sample : L4615-09
 Misc : 5.56G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG481

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 10:02:02 AM

Quant Time: Nov 04 04:41:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 04:03:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	552586	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	470273	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	210699	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	140752	22.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.28%
7) Chloroethane-d5	2.90	69	116939	23.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.64%
10) 1,1-Dichloroethene-d2	4.02	63	214174	17.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.04%
20) 2-Butanone-d5	7.08	46	42458	35.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.68%
24) Chloroform-d	7.65	84	283948	22.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.12%
26) 1,2-Dichloroethane-d4	8.31	65	125119	20.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.44%
29) Benzene-d6	8.27	84	592548	24.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.12%
33) 1,2-Dichloropropane-d6	9.27	67	159561	24.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.88%
37) Toluene-d8	10.32	98	554108	24.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.44%
38) trans-1,3-Dichloropropene-	10.58	79	58934	21.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.20%
39) 2-Hexanone-d5	10.93	63	33958	37.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95217	19.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	168828	22.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.20%

Target Compounds

					Ovalue	
13) Acetone	4.15	43	2111m	2.611	ug/L	
14) Carbon disulfide	4.39	76	18516	0.844	ug/L	98
16) Methylene chloride	4.92	84	10275	1.406	ug/L	98
22) cis-1,2-Dichloroethene	7.18	96	7018	0.918	ug/L	85
34) Benzene	8.33	78	40548m	1.561	ug/L	
35) Trichloroethene	9.09	95	405726	56.389	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	2840	1.033	ug/L #	90
47) Tetrachloroethene	10.87	164	7366442	1112.997	ug/L	91

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

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