

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102820\
 Data File : VW017016.D
 Acq On : 28 Oct 2020 17:34
 Operator : SY/VA
 Sample : L4502-22
 Misc : 5.17G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG445

Manual Integrations
 APPROVED

MMDadoda
 10/30/2020 1:33:37 PM

Quant Time: Oct 29 09:00:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 29 08:01:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	304807	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	285244	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	124132	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	90541	25.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.96%
7) Chloroethane-d5	2.89	69	74210	27.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.92%
10) 1,1-Dichloroethene-d2	4.02	63	131194	19.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.68%
20) 2-Butanone-d5	7.08	46	37237	56.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.38%
24) Chloroform-d	7.65	84	192319	27.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.40%
26) 1,2-Dichloroethane-d4	8.31	65	92683	28.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.04%
29) Benzene-d6	8.27	84	387557	26.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.80%
33) 1,2-Dichloropropane-d6	9.28	67	110447	27.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.72%
37) Toluene-d8	10.33	98	356010	25.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.24%
38) trans-1,3-Dichloropropene-	10.58	79	41822	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.68%
39) 2-Hexanone-d5	10.93	63	31049	55.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	77647	25.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	118965	27.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.08%

Target Compounds

					Ovalue
13) Acetone	4.12	43	3668	8.226 ug/L	87
14) Carbon disulfide	4.38	76	6559	0.542 ug/L #	94
16) Methylene chloride	4.92	84	8819	2.188 ug/L	94
22) cis-1,2-Dichloroethene	7.17	96	1501m	0.356 ug/L	
35) Trichloroethene	9.09	95	58429	13.388 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	2263	1.357 ug/L	98
47) Tetrachloroethene	10.87	164	3020414	752.378 ug/L	97

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

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