

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082720\
 Data File : VW016390.D
 Acq On : 27 Aug 2020 15:02
 Operator : SY/VA
 Sample : L3800-05
 Misc : 6.01G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3H5

Manual Integrations
 APPROVED

MMDadoda
 8/28/2020 3:18:26 PM

Quant Time: Aug 28 08:59:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 08:08:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	281095	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	237357	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	96316	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	47835	15.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.76%
7) Chloroethane-d5	2.89	69	42085	18.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.88%
10) 1,1-Dichloroethene-d2	4.01	63	98765	13.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.40%
20) 2-Butanone-d5	7.08	46	37369	43.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.56%
24) Chloroform-d	7.65	84	161758	22.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.28%
26) 1,2-Dichloroethane-d4	8.31	65	86055	22.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.16%
29) Benzene-d6	8.27	84	302293	22.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.24%
33) 1,2-Dichloropropane-d6	9.27	67	88968	24.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.04%
37) Toluene-d8	10.32	98	272615	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.24%
38) trans-1,3-Dichloropropene-	10.58	79	38295	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.56%
39) 2-Hexanone-d5	10.93	63	32446	55.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	72972	23.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	81743	22.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.52%

Target Compounds

					Ovalue
5) Vinyl chloride	2.36	62	11081	3.374 ug/L	88
16) Methylene chloride	4.91	84	17115m	3.294 ug/L	
22) cis-1,2-Dichloroethene	7.16	96	367213	89.073 ug/L	98
35) Trichloroethene	9.09	95	238659	61.912 ug/L	98
47) Tetrachloroethene	10.87	164	3807850	1252.669 ug/L	94

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

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