

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082620\
 Data File : VW016376.D
 Acq On : 26 Aug 2020 18:44
 Operator : SY/VA
 Sample : L3800-06
 Misc : 6.82G/10ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3H6

Manual Integrations
 APPROVED

MMDadoda
 8/28/2020 9:35:39 AM

Quant Time: Aug 27 04:42:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 27 02:40:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	276881	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	230191	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	79777	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	42436	14.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.40%
7) Chloroethane-d5	2.90	69	38744	17.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.08%
10) 1,1-Dichloroethene-d2	4.02	63	85772	12.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.84%
20) 2-Butanone-d5	7.08	46	33145	39.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.84%
24) Chloroform-d	7.65	84	145807	20.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	8.30	65	76001	20.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.72%
29) Benzene-d6	8.28	84	263466	20.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.00%
33) 1,2-Dichloropropane-d6	9.28	67	77166	21.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.80%
37) Toluene-d8	10.33	98	228613	18.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.44%
38) trans-1,3-Dichloropropene-	10.58	79	33026	19.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.96%
39) 2-Hexanone-d5	10.93	63	29410	51.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	63072	21.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	61587	20.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.52%

Target Compounds

					Ovalue
5) Vinyl chloride	2.36	62	35830	11.075 ug/L	94
13) Acetone	4.12	43	4075m	5.840 ug/L	
16) Methylene chloride	4.92	84	24036	4.696 ug/L	94
18) trans-1,2-Dichloroethene	5.43	96	4343	1.125 ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	670241	165.051 ug/L	97
35) Trichloroethene	9.09	95	147428	39.436 ug/L	98
47) Tetrachloroethene	10.87	164	1222209	414.587 ug/L	98

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

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