

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082720\
 Data File : VW016388.D
 Acq On : 27 Aug 2020 13:53
 Operator : SY/VA
 Sample : L3800-06
 Misc : 6.68G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3H6

Manual Integrations
 APPROVED

MMDadoda
 8/28/2020 3:18:47 PM

Quant Time: Aug 28 08:53:44 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	342089	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	296277	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	130609	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	51633	14.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.56%
7) Chloroethane-d5	2.89	69	44704	16.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.48%
10) 1,1-Dichloroethene-d2	4.01	63	108269	12.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.92%
20) 2-Butanone-d5	7.08	46	40728	39.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.42%
24) Chloroform-d	7.65	84	177514	19.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.64%
26) 1,2-Dichloroethane-d4	8.30	65	92829	20.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.80%
29) Benzene-d6	8.27	84	332458	20.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.40%
33) 1,2-Dichloropropane-d6	9.27	67	94137	20.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.28%
37) Toluene-d8	10.32	98	300160	19.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.96%
38) trans-1,3-Dichloropropene-	10.58	79	43232	19.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.28%
39) 2-Hexanone-d5	10.93	63	35472	48.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80737	21.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	99240	19.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.28%

Target Compounds

					Ovalue
5) Vinyl chloride	2.36	62	11751	2.940 ug/L	99
13) Acetone	4.15	43	4502m	5.222 ug/L	
16) Methylene chloride	4.91	84	15609	2.468 ug/L	94
18) trans-1,2-Dichloroethene	5.43	96	2168	0.454 ug/L	92
22) cis-1,2-Dichloroethene	7.16	96	495294	98.720 ug/L	97
35) Trichloroethene	9.09	95	205439	42.695 ug/L	99
47) Tetrachloroethene	10.87	164	3999106	1053.959 ug/L	97

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

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