

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082720\
 Data File : VW016386.D
 Acq On : 27 Aug 2020 12:44
 Operator : SY/VA
 Sample : L3800-07
 Misc : 6.55G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3J0

Manual Integrations
 APPROVED

MMDadoda
 8/28/2020 3:18:25 PM

Quant Time: Aug 28 08:42:44 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	8.85	114	317803	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	297849	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143301	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	50673	14.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.72%
7) Chloroethane-d5	2.89	69	45643	17.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.88%
10) 1,1-Dichloroethene-d2	4.02	63	106268	13.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.72%
20) 2-Butanone-d5	7.09	46	29850	30.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.86%
24) Chloroform-d	7.65	84	167995	20.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.12%
26) 1,2-Dichloroethane-d4	8.31	65	81466	19.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.32%
29) Benzene-d6	8.27	84	320090	19.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.00%
33) 1,2-Dichloropropane-d6	9.27	67	90563	19.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.72%
37) Toluene-d8	10.33	98	297850	18.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.96%
38) trans-1,3-Dichloropropene-	10.58	79	38403	17.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.16%
39) 2-Hexanone-d5	10.93	63	27789	37.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	69042	18.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	106253	19.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.36	62	16654	4.485	ug/L	90
16) Methylene chloride	4.91	84	18170m	3.093	ug/L	
18) trans-1,2-Dichloroethene	5.43	96	2279	0.514	ug/L	83
22) cis-1,2-Dichloroethene	7.17	96	499144	107.090	ug/L	99
35) Trichloroethene	9.09	95	53292	11.017	ug/L	99
47) Tetrachloroethene	10.87	164	753876	197.634	ug/L	98

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

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