

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016090.D
 Acq On : 07 Aug 2020 23:19
 Operator : SY/VA
 Sample : L3564-10
 Misc : 6.17G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSM6

Quant Time: Aug 08 06:13:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 05:08:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	372525	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	317431	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	121811	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	74148	14.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.44%
7) Chloroethane-d5	2.89	69	66348	15.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.16%
10) 1,1-Dichloroethene-d2	4.01	63	130001	12.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.92%
20) 2-Butanone-d5	7.08	46	41365	29.96	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.92%
24) Chloroform-d	7.65	84	206112	19.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.80%
26) 1,2-Dichloroethane-d4	8.31	65	100361	17.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.88%#
29) Benzene-d6	8.27	84	402710	20.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.36%
33) 1,2-Dichloropropane-d6	9.27	67	120979	20.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.56%
37) Toluene-d8	10.32	98	356346	20.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.44%
38) trans-1,3-Dichloropropene-	10.58	79	43516	17.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.52%
39) 2-Hexanone-d5	10.93	63	34811	36.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	86694	19.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	104793	22.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	38994	6.388	ug/L	84
22) cis-1,2-Dichloroethene	7.17	96	5551	1.049	ug/L	91
35) Trichloroethene	9.10	95	20819	4.082	ug/L	90
47) Tetrachloroethene	10.87	164	262249	66.246	ug/L	94

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

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