

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\
 Data File : VW015910.D
 Acq On : 22 Jul 2020 17:56
 Operator : SY/VA
 Sample : L3388-16
 Misc : 4.22G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AE3

Manual Integrations
 APPROVED

MMDadoda
 7/23/2020 12:12:35 PM

Quant Time: Jul 23 04:23:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 03:03:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	358809	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	282184	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	83629	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	131073	25.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.56%
7) Chloroethane-d5	2.89	69	96829	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.20%
10) 1,1-Dichloroethene-d2	4.01	63	184813	18.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.20%
20) 2-Butanone-d5	7.09	46	75856	57.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.08%
24) Chloroform-d	7.65	84	208705	20.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.84%
26) 1,2-Dichloroethane-d4	8.31	65	124250	22.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.84%
29) Benzene-d6	8.28	84	427790	24.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.64%
33) 1,2-Dichloropropane-d6	9.27	67	125828	24.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.76%
37) Toluene-d8	10.33	98	354975	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.24%
38) trans-1,3-Dichloropropene-	10.58	79	45910	20.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.68%
39) 2-Hexanone-d5	10.93	63	51805	60.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106524	26.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	69013	21.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.64%

Target Compounds				Ovalue
16) Methylene chloride	4.91	84	17179m	2.922 ug/L

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

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