

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081820\
 Data File : VW016237.D
 Acq On : 18 Aug 2020 13:27
 Operator : SY/VA
 Sample : L3709-10
 Misc : 5.52G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSR3

Manual Integrations
 APPROVED

MMDadoda
 8/19/2020 5:24:20 PM

Quant Time: Aug 19 06:39:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 19 05:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	96784	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	80291	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	19472	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	27268	22.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.88%
7) Chloroethane-d5	2.89	69	23427	25.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.88%
10) 1,1-Dichloroethene-d2	4.01	63	41677	16.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.40%
20) 2-Butanone-d5	7.09	46	14890	47.16	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.32%
24) Chloroform-d	7.65	84	62281	23.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.92%
26) 1,2-Dichloroethane-d4	8.31	65	33222	24.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.32%
29) Benzene-d6	8.28	84	115267	26.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.56%
33) 1,2-Dichloropropane-d6	9.28	67	36188	28.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.68%
37) Toluene-d8	10.33	98	87491	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.36%
38) trans-1,3-Dichloropropene-	10.58	79	13050	22.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.44%
39) 2-Hexanone-d5	10.93	63	12201	55.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	29907	28.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	21129	30.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.44%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.91	84	6359m	4.161	ug/L	
22) cis-1,2-Dichloroethene	7.18	96	6233	4.522	ug/L	87
35) Trichloroethene	9.09	95	36597	29.395	ug/L	96
47) Tetrachloroethene	10.87	164	6964541	7461.965	ug/L	93

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

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