

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082620\
 Data File : VW016364.D
 Acq On : 26 Aug 2020 14:01
 Operator : SY/VA
 Sample : L3807-08
 Misc : 6.56G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFW53

Manual Integrations
 APPROVED

MMDadoda
 8/28/2020 9:35:08 AM

Quant Time: Aug 27 03:47:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 27 02:40:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	275923	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	224228	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	70441	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	34476	11.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.80%
7) Chloroethane-d5	2.89	69	32140	14.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.48%
10) 1,1-Dichloroethene-d2	4.01	63	64002	9.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	36.60%#
20) 2-Butanone-d5	7.08	46	30793	36.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.50%
24) Chloroform-d	7.65	84	130398	18.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.52%
26) 1,2-Dichloroethane-d4	8.31	65	67098	18.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.40%
29) Benzene-d6	8.28	84	215668	17.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.92%
33) 1,2-Dichloropropane-d6	9.27	67	70254	20.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.12%
37) Toluene-d8	10.33	98	177302	15.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	60.04%
38) trans-1,3-Dichloropropene-	10.58	79	27500	16.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.80%
39) 2-Hexanone-d5	10.93	63	23956	43.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	60815	21.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	51614	19.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.44%

Target Compounds

					Ovalue
13) Acetone	4.13	43	8541	12.283	ug/L 99
16) Methylene chloride	4.92	84	17710	3.472	ug/L 96
22) cis-1,2-Dichloroethene	7.17	96	2203m	0.544	ug/L
64) 1,4-Dichlorobenzene	13.58	146	9544	1.985	ug/L 94

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

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