

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017908.D
 Acq On : 15 Jan 2021 19:19
 Operator : SY/VA
 Sample : M1099-19
 Misc : 5.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C15

Manual Integrations
 APPROVED

apatel
 1/18/2021 8:50:59 AM

Quant Time: Jan 18 03:53:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 18 02:07:49 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	295615	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	230358	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	74339	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	107319	23.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.84%
7) Chloroethane-d5	2.89	69	92906	24.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.44%
10) 1,1-Dichloroethene-d2	4.02	63	135678	17.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.12%
20) 2-Butanone-d5	7.08	46	46900	63.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.52%
24) Chloroform-d	7.65	84	183278	23.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.92%
26) 1,2-Dichloroethane-d4	8.31	65	108034	27.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.08%
29) Benzene-d6	8.27	84	354409	27.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.24%
33) 1,2-Dichloropropane-d6	9.27	67	109825	30.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.80%#
37) Toluene-d8	10.32	98	303260	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.32%
38) trans-1,3-Dichloropropene-	10.58	79	28673	17.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.92%
39) 2-Hexanone-d5	10.93	63	32309	71.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.86%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	77112	29.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	61462	23.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.96%

Target Compounds

					Ovalue
13) Acetone	4.13	43	24903	38.902	ug/L 92
14) Carbon disulfide	4.38	76	30653	2.818	ug/L 99
16) Methylene chloride	4.92	84	8194	1.938	ug/L 91
21) 2-Butanone	7.18	43	7962m	9.247	ug/L
36) Methylcyclohexane	9.34	83	4254	0.667	ug/L # 37
52) Chlorobenzene	11.66	112	6409	0.684	ug/L # 79
57) Isopropylbenzene	12.46	105	20278	1.168	ug/L # 93
63) 1,3-Dichlorobenzene	13.50	146	56317	12.274	ug/L 91
64) 1,4-Dichlorobenzene	13.58	146	67577	14.656	ug/L 96

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

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