

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017905.D
 Acq On : 15 Jan 2021 18:09
 Operator : SY/VA
 Sample : M1099-16
 Misc : 5.20G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C12

Quant Time: Jan 18 03:25:56 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	275760	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	227294	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	77390	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	96444	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.40%
7) Chloroethane-d5	2.89	69	81491	23.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.56%
10) 1,1-Dichloroethene-d2	4.02	63	125642	16.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.60%
20) 2-Butanone-d5	7.07	46	51383	74.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.60%#
24) Chloroform-d	7.65	84	175175	24.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.24%
26) 1,2-Dichloroethane-d4	8.31	65	109367	29.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.28%
29) Benzene-d6	8.27	84	329403	25.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.92%
33) 1,2-Dichloropropane-d6	9.27	67	103093	29.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.84%
37) Toluene-d8	10.32	98	284647	23.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.60%
38) trans-1,3-Dichloropropene-	10.58	79	37977	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.56%
39) 2-Hexanone-d5	10.93	63	35758	80.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	161.36%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82966	31.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.68%#
61) 1,2-Dichlorobenzene-d4	13.85	152	63723	23.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	32333	54.145	ug/L	84
14) Carbon disulfide	4.39	76	14682	1.447	ug/L	97
16) Methylene chloride	4.91	84	8938	2.267	ug/L	93
21) 2-Butanone	7.18	43	8011	9.973	ug/L	77
34) Benzene	8.32	78	7053	0.543	ug/L	100
44) Toluene	10.38	91	7177	0.484	ug/L	82
52) Chlorobenzene	11.66	112	256058	27.679	ug/L	91
54) m,p-Xylene	11.84	106	5770	0.877	ug/L	96
55) o-xylene	12.16	106	2309	0.373	ug/L	90
57) Isopropylbenzene	12.46	105	47378	2.766	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	16153	3.382	ug/L	90
64) 1,4-Dichlorobenzene	13.58	146	60509	12.606	ug/L	97

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

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