

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
 Data File : VW017931.D
 Acq On : 18 Jan 2021 16:19
 Operator : SY/VA
 Sample : M1099-21RE
 Misc : 8.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 19 06:57:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 19 06:55:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	375197	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	308802	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	102444	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	153764	26.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.44%
7) Chloroethane-d5	2.891	69	123488	25.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.60%
10) 1,1-Dichloroethene-d2	4.019	63	193096	18.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.60%
20) 2-Butanone-d5	7.080	46	66928	47.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.00%
24) Chloroform-d	7.647	84	253228	24.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.92%
26) 1,2-Dichloroethane-d4	8.305	65	152507m	26.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.32%
29) Benzene-d6	8.275	84	497011	28.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.48%
33) 1,2-Dichloropropane-d6	9.274	67	144593	28.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.00%
37) Toluene-d8	10.323	98	437480	26.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.44%
38) trans-1,3-Dichloroprop...	10.579	79	58472	25.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.80%
39) 2-Hexanone-d5	10.927	63	48803	54.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.26%
48) 1,1,2,2-Tetrachloroeth...	12.694	84	109372	24.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.80%
61) 1,2-Dichlorobenzene-d4	13.853	152	95332	26.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.96%
Target Compounds						Qvalue
13) Acetone	4.123	43	53760	53.60	ug/L	95
14) Carbon disulfide	4.391	76	16823	1.10	ug/L	96
16) Methylene chloride	4.915	84	7849m	1.44	ug/L	
22) cis-1,2-Dichloroethene	7.171	96	4363	0.78	ug/L #	80
34) Benzene	8.323	78	21607	1.18	ug/L	100
35) Trichloroethene	9.091	95	17146	3.41	ug/L	92
36) Methylcyclohexane	9.329	83	5041	0.58	ug/L #	68
44) Toluene	10.384	91	14703	0.73	ug/L	89
47) Tetrachloroethene	10.859	164	46958	11.89	ug/L	97
52) Chlorobenzene	11.658	112	402115	30.91	ug/L	95
53) Ethylbenzene	11.731	91	5802	0.25	ug/L	96
54) m,p-Xylene	11.835	106	7895	0.90	ug/L	93
55) o-xylene	12.158	106	3258	0.40	ug/L	64
57) Isopropylbenzene	12.463	105	87768	3.86	ug/L	98
63) 1,3-Dichlorobenzene	13.499	146	43322	6.75	ug/L	95
64) 1,4-Dichlorobenzene	13.578	146	105614	16.38	ug/L	92

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

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