

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102920\
 Data File : VW017024.D
 Acq On : 29 Oct 2020 13:40
 Operator : SY/VA
 Sample : L4502-19
 Misc : 5.97G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 30 01:45:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 30 01:03:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	836648	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	668769	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	281084	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	147872	15.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.28%
7) Chloroethane-d5	2.89	69	118439	15.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.32%
10) 1,1-Dichloroethene-d2	4.02	63	219783	11.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.80%
20) 2-Butanone-d5	7.08	46	54225m	29.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.62%
24) Chloroform-d	7.65	84	299011	15.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	61.96%
26) 1,2-Dichloroethane-d4	8.31	65	142177	15.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	62.60%#
29) Benzene-d6	8.27	84	619201	18.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.08%
33) 1,2-Dichloropropane-d6	9.27	67	167429	18.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	72.24%
37) Toluene-d8	10.32	98	565973	17.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.00%
38) trans-1,3-Dichloropropene-	10.58	79	66157	16.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.24%
39) 2-Hexanone-d5	10.93	63	44894	34.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110940	15.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	62.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	167282	16.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	67.72%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	13397	1.223	ug/L #	1
13) Acetone	4.13	43	5138	4.198	ug/L	93
14) Carbon disulfide	4.39	76	8162	0.246	ug/L	95
16) Methylene chloride	4.92	84	9032	0.817	ug/L	94
22) cis-1,2-Dichloroethene	7.17	96	10980	0.948	ug/L	93
34) Benzene	8.32	78	75924	2.055	ug/L	100
35) Trichloroethene	9.09	95	1575563	153.983	ug/L	99
47) Tetrachloroethene	10.87	164	22740515m	2416.076	ug/L	
64) 1,4-Dichlorobenzene	13.58	146	4504	0.249	ug/L	88
65) 1,2-Dichlorobenzene	13.87	146	4615	0.288	ug/L #	87

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

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