

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101620\
 Data File : VW016919.D
 Acq On : 15 Oct 2020 18:06
 Operator : SY/VA
 Sample : L4426-01
 Misc : 5.87G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 16 09:25:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:07:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	523112	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	397096	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152803	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	116169	22.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.04%
7) Chloroethane-d5	2.89	69	101912	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.16%
10) 1,1-Dichloroethene-d2	4.02	63	177596	16.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.84%
20) 2-Butanone-d5	7.08	46	48234	41.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.54%
24) Chloroform-d	7.65	84	267455	24.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.92%
26) 1,2-Dichloroethane-d4	8.31	65	128969	24.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.76%
29) Benzene-d6	8.27	84	534082	29.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.44%
33) 1,2-Dichloropropane-d6	9.27	67	150767	31.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.44%#
37) Toluene-d8	10.33	98	488126	28.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.72%
38) trans-1,3-Dichloropropene-	10.58	79	52776	24.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.76%
39) 2-Hexanone-d5	10.93	63	36325	48.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96664	24.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	126871	26.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.37	62	6655	0.930	ug/L #	58
13) Acetone	4.14	43	4776	5.399	ug/L	94
14) Carbon disulfide	4.40	76	15547	0.802	ug/L	98
16) Methylene chloride	4.93	84	21218	2.939	ug/L	94
22) cis-1,2-Dichloroethene	7.18	96	3036m	0.421	ug/L	
35) Trichloroethene	9.09	95	215364	35.704	ug/L	99
47) Tetrachloroethene	10.87	164	24071399m	4304.444	ug/L	
54) m,p-Xylene	11.83	106	3104	0.301	ug/L	90
64) 1,4-Dichlorobenzene	13.58	146	5762	0.592	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	8141	0.935	ug/L #	88

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

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