

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100820\
 Data File : VW016826.D
 Acq On : 07 Oct 2020 11:20
 Operator : SY/VA
 Sample : L4254-06
 Misc : 5.91G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3T3

Quant Time: Oct 08 08:48:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 08:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	620374	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	548271	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	245692	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	145204	23.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.92%
7) Chloroethane-d5	2.89	69	118459	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.28%
10) 1,1-Dichloroethene-d2	4.02	63	209481	16.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.48%
20) 2-Butanone-d5	7.08	46	49587	35.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.54%
24) Chloroform-d	7.65	84	287816	21.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.96%
26) 1,2-Dichloroethane-d4	8.31	65	140807	22.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.08%
29) Benzene-d6	8.28	84	597141	23.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.92%
33) 1,2-Dichloropropane-d6	9.28	67	158204	23.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.56%
37) Toluene-d8	10.33	98	558737	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.12%
38) trans-1,3-Dichloropropene-	10.58	79	61792	20.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.76%
39) 2-Hexanone-d5	10.93	63	40982	39.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109096	20.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	179046	22.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.92%

Target Compounds

					Ovalue
5) Vinyl chloride	2.36	62	2924	0.345 ug/L #	1
13) Acetone	4.14	43	7333	6.990 ug/L	65
14) Carbon disulfide	4.40	76	14909	0.648 ug/L #	93
16) Methylene chloride	4.93	84	10129	1.183 ug/L	97
47) Tetrachloroethene	10.86	164	18658	2.416 ug/L	89

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

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