

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110620\
 Data File : VW017108.D
 Acq On : 06 Nov 2020 18:11
 Operator : SY/VA
 Sample : L4659-06
 Misc : 5.64G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4A8

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 11:55:02 AM

Quant Time: Nov 07 06:14:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 07 04:26:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	520224	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	431821	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	162725	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	152955	23.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.36%
7) Chloroethane-d5	2.90	69	119152	23.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.40%
10) 1,1-Dichloroethene-d2	4.03	63	208722	17.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.24%
20) 2-Butanone-d5	7.09	46	45175	30.83	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.66%
24) Chloroform-d	7.65	84	273371	22.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.04%
26) 1,2-Dichloroethane-d4	8.31	65	129344	21.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.68%
29) Benzene-d6	8.28	84	557014	25.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.32%
33) 1,2-Dichloropropane-d6	9.28	67	149093	24.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.04%
37) Toluene-d8	10.33	98	519366	25.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.20%
38) trans-1,3-Dichloropropene-	10.59	79	57191	20.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.44%
39) 2-Hexanone-d5	10.93	63	33725	31.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98927	18.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	141271	24.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.37	62	2161	0.311	ug/L #	1
12) 1,1-Dichloroethene	4.04	96	15568	2.411	ug/L #	1
13) Acetone	4.14	43	10429	10.630	ug/L	93
14) Carbon disulfide	4.39	76	6060	0.345	ug/L	99
16) Methylene chloride	4.92	84	24159	3.445	ug/L	94
22) cis-1,2-Dichloroethene	7.18	96	14886	2.106	ug/L	95
34) Benzene	8.33	78	401275	17.697	ug/L	100
35) Trichloroethene	9.10	95	1739911	273.926	ug/L	99
44) Toluene	10.39	91	8992	0.360	ug/L	93
47) Tetrachloroethene	10.87	164	19896679m	3471.907	ug/L	

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

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