

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017178.D
 Acq On : 12 Nov 2020 12:36
 Operator : SY/VA
 Sample : L4693-15
 Misc : 5.64G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4E1

Manual Integrations
 APPROVED

MMDadoda
 11/18/2020 10:51:05 AM

Quant Time: Nov 13 04:36:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 04:11:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	506384	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	415409	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	175711	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	123657	19.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.56%
7) Chloroethane-d5	2.90	69	103188	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.96%
10) 1,1-Dichloroethene-d2	4.02	63	191928	16.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.28%
20) 2-Butanone-d5	7.09	46	36597	25.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.32%
24) Chloroform-d	7.65	84	233601	19.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.04%
26) 1,2-Dichloroethane-d4	8.31	65	112944	19.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.88%
29) Benzene-d6	8.28	84	473347	22.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.52%
33) 1,2-Dichloropropane-d6	9.28	67	122536	20.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.76%
37) Toluene-d8	10.33	98	436679	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.56%
38) trans-1,3-Dichloropropene-	10.58	79	49785	18.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.48%
39) 2-Hexanone-d5	10.93	63	27519	26.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82139	16.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	125047	20.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.80%

Target Compounds

					Ovalue
5) Vinyl chloride	2.37	62	6120	0.905 ug/L #	45
12) 1,1-Dichloroethene	4.04	96	50947	8.106 ug/L #	51
13) Acetone	4.15	43	6061	6.346 ug/L	93
14) Carbon disulfide	4.39	76	15233	0.891 ug/L	95
16) Methylene chloride	4.92	84	9909	1.451 ug/L	90
17) Methyl tert-butyl Ether	5.43	73	3473m	0.453 ug/L	
22) cis-1,2-Dichloroethene	7.17	96	53021	7.708 ug/L	98
34) Benzene	8.32	78	652538	29.915 ug/L	100
35) Trichloroethene	9.09	95	3107169	508.509 ug/L	98
44) Toluene	10.39	91	10876	0.453 ug/L	99
47) Tetrachloroethene	10.88	164	17317201m	3141.181 ug/L	

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

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