

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017163.D
 Acq On : 11 Nov 2020 15:01
 Operator : SY/VA
 Sample : L4693-10
 Misc : 5.21G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4E0

Manual Integrations
 APPROVED

MMDadoda
 11/13/2020 11:41:04 AM

Quant Time: Nov 12 05:24:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 03:07:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	445771	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	352745	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	125087	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125447	22.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.36%
7) Chloroethane-d5	2.90	69	106119	24.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.12%
10) 1,1-Dichloroethene-d2	4.03	63	176228	17.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.20%
20) 2-Butanone-d5	7.09	46	41915	33.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.76%
24) Chloroform-d	7.65	84	247364	23.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.08%
26) 1,2-Dichloroethane-d4	8.31	65	119047	23.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.04%
29) Benzene-d6	8.28	84	493943	27.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.00%
33) 1,2-Dichloropropane-d6	9.28	67	133776	26.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.68%
37) Toluene-d8	10.33	98	458303	27.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.24%
38) trans-1,3-Dichloropropene-	10.59	79	50927	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.92%
39) 2-Hexanone-d5	10.93	63	30486	35.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	85623	19.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	110736	25.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.52%

Target Compounds

					Ovalue
5) Vinyl chloride	2.37	62	1691	0.284 ug/L #	1
12) 1,1-Dichloroethene	4.05	96	15013	2.714 ug/L #	1
13) Acetone	4.14	43	13491	16.047 ug/L	85
14) Carbon disulfide	4.40	76	5685	0.378 ug/L #	87
16) Methylene chloride	4.92	84	9193	1.530 ug/L	94
22) cis-1,2-Dichloroethene	7.17	96	16722	2.762 ug/L	98
34) Benzene	8.33	78	299786	16.185 ug/L	100
35) Trichloroethene	9.10	95	1844468	355.484 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	4081	1.528 ug/L #	73
44) Toluene	10.39	91	10351	0.508 ug/L	98
47) Tetrachloroethene	10.90	164	20985319m	4482.764 ug/L	

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

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