

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110520\
 Data File : VW017088.D
 Acq On : 05 Nov 2020 14:22
 Operator : SY/VA
 Sample : L4615-17
 Misc : 5.48G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG485

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 10:34:48 AM

Quant Time: Nov 06 04:25:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 06 04:09:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	543019	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	451124	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	195561	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	157272	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.96%
7) Chloroethane-d5	2.89	69	118522	22.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.96%
10) 1,1-Dichloroethene-d2	4.02	63	215430	17.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.44%
20) 2-Butanone-d5	7.08	46	40292	26.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.68%
24) Chloroform-d	7.65	84	275756	21.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	8.31	65	121987	19.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.44%
29) Benzene-d6	8.27	84	577722	25.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.60%
33) 1,2-Dichloropropane-d6	9.27	67	152157	23.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.80%
37) Toluene-d8	10.32	98	533741	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.56%
38) trans-1,3-Dichloropropene-	10.58	79	57977	20.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.96%
39) 2-Hexanone-d5	10.93	63	30872	27.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	90472	16.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	154810	22.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.88%

Target Compounds

					Ovalue
5) Vinyl chloride	2.37	62	4532	0.625 ug/L #	17
12) 1,1-Dichloroethene	4.04	96	12904	1.915 ug/L #	1
13) Acetone	4.13	43	4359	4.256 ug/L	71
14) Carbon disulfide	4.39	76	8011	0.437 ug/L	99
16) Methylene chloride	4.91	84	10199m	1.393 ug/L	
22) cis-1,2-Dichloroethene	7.17	96	11160	1.513 ug/L	93
35) Trichloroethene	9.09	95	873994	131.711 ug/L	99
47) Tetrachloroethene	10.87	164	10307822	1721.719 ug/L	94

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

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