

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
 Data File : VW007963.D
 Acq On : 27 Dec 2018 11:47
 Operator : SY/AP
 Sample : J6507-10
 Misc : 5.25G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF064

Manual Integrations
 APPROVED

MMDadoda
 12/28/2018 4:55:18 PM

Quant Time: Dec 28 04:31:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 28 04:01:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	81250	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	73520	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	30558	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	18160	22.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.72%
7) Chloroethane-d5	2.90	69	12624	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.60%
10) 1,1-Dichloroethene-d2	4.01	63	36107	16.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.64%
20) 2-Butanone-d5	7.08	46	15607	45.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.40%
24) Chloroform-d	7.65	84	49793	23.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.16%
26) 1,2-Dichloroethane-d4	8.31	65	32867	25.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.44%
29) Benzene-d6	8.27	84	93986	22.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.16%
33) 1,2-Dichloropropane-d6	9.27	67	26455	23.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.36%
37) Toluene-d8	10.32	98	87759	21.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.40%
38) trans-1,3-Dichloropropene-	10.58	79	14758	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.68%
39) 2-Hexanone-d5	10.93	63	12437	43.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	25270	23.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	27105	21.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.84%

Target Compounds					Ovalue
13) Acetone	4.13	43	2036m	6.102	ug/L
44) Toluene	10.39	91	2456	0.558	ug/L
47) Tetrachloroethene	10.87	164	35296	38.866	ug/L

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

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