

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102418\
 Data File : VW006325.D
 Acq On : 24 Oct 2018 17:43
 Operator : SY/AP
 Sample : J5635-23
 Misc : 5.23G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40F9

Manual Integrations
 APPROVED

MMDadoda
 10/29/2018 5:57:40 PM

Quant Time: Nov 13 17:28:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 07:32:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	283232	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	213533	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	82510	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	68465	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.72%
7) Chloroethane-d5	2.90	69	67380	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.04%
10) 1,1-Dichloroethene-d2	4.01	63	101999	16.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.52%
20) 2-Butanone-d5	7.09	46	46898	44.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.58%
24) Chloroform-d	7.65	84	154760	25.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.88%
26) 1,2-Dichloroethane-d4	8.31	65	90095	26.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.16%
29) Benzene-d6	8.28	84	295033	30.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.72%
33) 1,2-Dichloropropane-d6	9.28	67	89808	30.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.76%#
37) Toluene-d8	10.33	98	245336	25.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.24%
38) trans-1,3-Dichloropropene-	10.58	79	34182	24.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.16%
39) 2-Hexanone-d5	10.93	63	39713	56.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75476	26.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	62341	22.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.16%

Target Compounds

					Ovalue
13) Acetone	4.14	43	16392	15.325 ug/L	99
16) Methylene chloride	4.90	84	8882m	2.429 ug/L	
52) Chlorobenzene	11.66	112	16915	2.031 ug/L	97
54) m,p-Xylene	11.84	106	3087	0.550 ug/L	88
63) 1,3-Dichlorobenzene	13.51	146	660048	130.265 ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	10174086	1993.945 ug/L	93
65) 1,2-Dichlorobenzene	13.88	146	1185720	254.375 ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	32313499m	9278.211 ug/L	
70) 1,2,3-Trichlorobenzene	15.57	180	22887765m	7315.101 ug/L	

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

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