

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102418\
 Data File : VW006328.D
 Acq On : 24 Oct 2018 19:01
 Operator : SY/AP
 Sample : J5635-26
 Misc : 4.75G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40G2

Manual Integrations
 APPROVED

MMDadoda
 10/29/2018 5:57:42 PM

Quant Time: Oct 25 09:07:21 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	374767	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	289725	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	90697m	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	74952	17.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.92%
7) Chloroethane-d5	2.90	69	73471	20.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.80%
10) 1,1-Dichloroethene-d2	4.01	63	111497	13.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.96%
20) 2-Butanone-d5	7.09	46	45758	32.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.32%
24) Chloroform-d	7.65	84	162286	19.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.96%
26) 1,2-Dichloroethane-d4	8.31	65	88878	19.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.16%
29) Benzene-d6	8.28	84	323936	24.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.52%
33) 1,2-Dichloropropane-d6	9.28	67	93614	23.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.32%
37) Toluene-d8	10.33	98	289934	22.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.16%
38) trans-1,3-Dichloropropene-	10.58	79	34148	17.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.80%
39) 2-Hexanone-d5	10.93	63	37136	38.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.42%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	67673	17.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	56638	18.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.88%#

Target Compounds

					Ovalue
13) Acetone	4.15	43	55057	38.901	ug/L 99
14) Carbon disulfide	4.38	76	7187	0.511	ug/L # 95
15) Methyl Acetate	4.68	43	4090	1.784	ug/L 97
16) Methylene chloride	4.91	84	10596m	2.190	ug/L
21) 2-Butanone	7.18	43	5147	2.737	ug/L 96
34) Benzene	8.32	78	16254	1.093	ug/L 100
44) Toluene	10.39	91	13663	0.818	ug/L 95
52) Chlorobenzene	11.66	112	87926	7.780	ug/L 97
53) Ethylbenzene	11.74	91	7190	0.370	ug/L 96
54) m,p-Xylene	11.85	106	17040	2.236	ug/L 98
55) o-xylene	12.17	106	28289	3.888	ug/L 97
57) Isopropylbenzene	12.47	105	379483	18.743	ug/L 98
63) 1,3-Dichlorobenzene	13.51	146	1111071	199.484	ug/L 100
64) 1,4-Dichlorobenzene	13.58	146	6879746	1226.603	ug/L 96
65) 1,2-Dichlorobenzene	13.88	146	222883	43.499	ug/L 100
68) 1,2,4-trichlorobenzene	15.15	180	158150	41.311	ug/L 100
70) 1,2,3-Trichlorobenzene	15.57	180	26841	7.804	ug/L 95

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

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