

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102618\
 Data File : VW006361.D
 Acq On : 25 Oct 2018 13:47
 Operator : SY/AP
 Sample : J5657-01
 Misc : 5.13G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40G4

Quant Time: Oct 26 04:32:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 26 04:05:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	300982	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	168448	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	25114	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	71244	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.96%
7) Chloroethane-d5	2.90	69	67963	23.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.04%
10) 1,1-Dichloroethene-d2	4.01	63	104651	16.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.20%
20) 2-Butanone-d5	7.08	46	54699	48.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.24%
24) Chloroform-d	7.65	84	152983	23.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.84%
26) 1,2-Dichloroethane-d4	8.31	65	87508	24.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.04%
29) Benzene-d6	8.28	84	294682	38.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	154.12%#
33) 1,2-Dichloropropane-d6	9.28	67	83756	36.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	145.16%#
37) Toluene-d8	10.33	98	236393	30.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	123.64%
38) trans-1,3-Dichloropropene-	10.58	79	29197	26.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.12%
39) 2-Hexanone-d5	10.93	63	41181	73.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.68%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	32314	14.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	57.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	13966	16.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	64.88%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	45401	39.942	ug/L	98
14) Carbon disulfide	4.37	76	34365	3.042	ug/L	99
19) 1,1-Dichloroethane	6.21	63	11133	1.798	ug/L	96
21) 2-Butanone	7.18	43	3749	2.482	ug/L	93
31) 1,1,1-Trichloroethane	7.88	97	2045	0.580	ug/L #	88
34) Benzene	8.33	78	62334	7.208	ug/L	100
36) Methylcyclohexane	9.34	83	10126	2.271	ug/L #	87
44) Toluene	10.39	91	137415	14.152	ug/L	99
52) Chlorobenzene	11.66	112	327997	49.917	ug/L	98
53) Ethylbenzene	11.74	91	391678	34.650	ug/L	98
54) m,p-Xylene	11.84	106	439965	99.295	ug/L	99
55) o-xylene	12.17	106	224016	52.950	ug/L	96
57) Isopropylbenzene	12.47	105	729720	61.990	ug/L #	97
63) 1,3-Dichlorobenzene	13.51	146	2317461	1502.643	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	14207352	9147.905	ug/L	88
65) 1,2-Dichlorobenzene	13.88	146	624212	439.962	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	66006	62.266	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 1,2,3-Trichlorobenzene	15.57	180	9612	10.093	ug/L #	93

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

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