

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102818\
 Data File : VW006408.D
 Acq On : 26 Oct 2018 15:40
 Operator : SY/AP
 Sample : J5635-25
 Misc : 4.88G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40G1

Manual Integrations
 APPROVED

sam
 10/29/2018 4:23:35 PM

Quant Time: Nov 13 17:42:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 26 23:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	341692	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	288652	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	105839m	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	74150	19.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.96%
7) Chloroethane-d5	2.90	69	74228	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.52%
10) 1,1-Dichloroethene-d2	4.01	63	113793	15.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.52%
20) 2-Butanone-d5	7.09	46	48399	37.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.78%
24) Chloroform-d	7.65	84	175777	23.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	8.31	65	95198	23.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.00%
29) Benzene-d6	8.27	84	346197	26.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.68%
33) 1,2-Dichloropropane-d6	9.27	67	101182	25.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.32%
37) Toluene-d8	10.33	98	317882	24.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.04%
38) trans-1,3-Dichloropropene-	10.58	79	38369	19.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.84%
39) 2-Hexanone-d5	10.93	63	40383	42.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82894	21.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	82376	22.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.84%

Target Compounds

					Ovalue
13) Acetone	4.13	43	35447	27.470	ug/L 99
14) Carbon disulfide	4.37	76	8179	0.638	ug/L 98
21) 2-Butanone	7.18	43	5986	3.491	ug/L # 70
34) Benzene	8.32	78	22915	1.546	ug/L 100
44) Toluene	10.39	91	10201	0.613	ug/L 95
52) Chlorobenzene	11.66	112	37972	3.372	ug/L 97
54) m,p-Xylene	11.85	106	7767	1.023	ug/L 95
55) o-xylene	12.17	106	12824	1.769	ug/L 98
57) Isopropylbenzene	12.47	105	150507	7.461	ug/L 99
63) 1,3-Dichlorobenzene	13.51	146	504963	77.691	ug/L 99
64) 1,4-Dichlorobenzene	13.58	146	3238880	494.850	ug/L 98
65) 1,2-Dichlorobenzene	13.88	146	110039	18.403	ug/L 98
68) 1,2,4-trichlorobenzene	15.15	180	7218	1.616	ug/L # 94

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

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