

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072418\
 Data File : VW004175.D
 Acq On : 24 Jul 2018 15:01
 Operator : SY/AP
 Sample : J4040-08
 Misc : 4.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AE2

Quant Time: Jul 25 02:02:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 23 15:53:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	282084	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	237204	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	82554	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	51546	18.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.88%
7) Chloroethane-d5	2.89	69	42296	21.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.12%
10) 1,1-Dichloroethene-d2	4.00	63	92239	13.78	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.12%
20) 2-Butanone-d5	7.09	46	89636	54.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.56%
24) Chloroform-d	7.65	84	172009	25.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.76%
26) 1,2-Dichloroethane-d4	8.31	65	102754	25.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.92%
29) Benzene-d6	8.28	84	296994	26.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.96%
33) 1,2-Dichloropropane-d6	9.27	67	112813	30.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.96%#
37) Toluene-d8	10.33	98	230343	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.20%
38) trans-1,3-Dichloropropene-	10.58	79	33908	21.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.12%
39) 2-Hexanone-d5	10.93	63	63695	64.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113004	28.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	68971	25.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.92%

Target Compounds

					Ovalue
5) Vinyl chloride	2.36	62	15550	3.58	ug/L 87
13) Acetone	4.12	43	25982	14.61	ug/L 100
21) 2-Butanone	7.18	43	4872	2.21	ug/L # 6
22) cis-1,2-Dichloroethene	7.17	96	252041	61.00	ug/L 99
35) Trichloroethene	9.09	95	172623	44.37	ug/L 99
47) Tetrachloroethene	10.87	164	611147	194.78	ug/L 97

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

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