

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071918\
 Data File : VW004038.D
 Acq On : 19 Jul 2018 14:25
 Operator : VA/AP
 Sample : J4038-15
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB1J3

Quant Time: Jul 20 06:47:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 06:42:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	325048	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	301551	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	155198	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	69826	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.84%
7) Chloroethane-d5	2.89	69	54094	23.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.36%
10) 1,1-Dichloroethene-d2	4.01	63	178958	23.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.80%
20) 2-Butanone-d5	7.08	46	89914	47.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.38%
24) Chloroform-d	7.65	84	185232	24.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	8.31	65	113267	24.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.52%
29) Benzene-d6	8.27	84	345775	24.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.88%
33) 1,2-Dichloropropane-d6	9.28	67	119184	25.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.20%
37) Toluene-d8	10.33	98	305207	24.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.12%
38) trans-1,3-Dichloropropene-	10.59	79	50692	24.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.92%
39) 2-Hexanone-d5	10.93	63	62332	49.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.28%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	125505	24.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.24%
61) 1,2-Dichlorobenzene-d4	13.87	152	124864	25.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.08%

Target Compounds

					Qvalue
3) Chloromethane	2.21	50	75525	22.700	ug/L 96
6) Bromomethane	2.77	94	28355	10.661	ug/L 99
9) Trichlorofluoromethane	3.26	101	43758	17.531	ug/L 100
12) 1,1-Dichloroethene	4.03	96	99207	22.928	ug/L 97
13) Acetone	4.12	43	149318	72.846	ug/L 99
15) Methyl Acetate	4.67	43	121811	34.835	ug/L 99
16) Methylene chloride	4.92	84	60317	9.673	ug/L 92
17) Methyl tert-butyl Ether	5.43	73	271991	32.503	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	49629	11.141	ug/L 96
22) cis-1,2-Dichloroethene	7.17	96	126485	26.565	ug/L 95
23) Bromochloromethane	7.51	128	33929	15.155	ug/L 95
27) 1,2-Dichloroethane	8.40	62	65023	10.194	ug/L 98
30) Cyclohexane	7.96	56	76663	10.424	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	73507	10.718	ug/L 99
32) Carbon tetrachloride	8.07	117	87200	13.179	ug/L 100
35) Trichloroethene	9.09	95	205385	41.528	ug/L 99
36) Methylcyclohexane	9.34	83	229841	28.118	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

40) 1,2-Dichloropropane	9.37	63	66190	13.209	ug/L	99
41) Bromodichloromethane	9.65	83	126174	20.451	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	130824	18.528	ug/L	97
44) Toluene	10.39	91	428024	22.098	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	56569	8.686	ug/L	94
47) Tetrachloroethene	10.87	164	166824	41.824	ug/L	95
49) 2-Hexanone	10.98	43	130108	38.150	ug/L	96
50) Dibromochloromethane	11.13	129	89378	20.487	ug/L	95
53) Ethylbenzene	11.74	91	338358	16.138	ug/L	99
54) m,p-Xylene	11.85	106	83776	10.841	ug/L	97
55) o-xylene	12.18	106	94996	12.852	ug/L	100
57) Isopropylbenzene	12.48	105	271500	13.397	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	199934	20.916	ug/L	100
65) 1,2-Dichlorobenzene	13.88	146	96453	10.354	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	18501	17.036	ug/L	94

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

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