

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082718\
 Data File : VW004965.D
 Acq On : 27 Aug 2018 11:44
 Operator : SY/AP
 Sample : J4647-07
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAB73

Quant Time: Aug 28 05:22:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 28 01:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	582811	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	608459	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	326903	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	217621	19.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.04%
7) Chloroethane-d5	2.89	69	168074	20.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.32%
10) 1,1-Dichloroethene-d2	4.03	63	280847	19.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.88%
20) 2-Butanone-d5	7.09	46	104066	46.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.84%
24) Chloroform-d	7.66	84	266128	20.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.28%
26) 1,2-Dichloroethane-d4	8.32	65	155178	22.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.28%
29) Benzene-d6	8.28	84	705536	22.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.16%
33) 1,2-Dichloropropane-d6	9.28	67	200015	21.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.00%
37) Toluene-d8	10.33	98	752758	22.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.80%
38) trans-1,3-Dichloropropene-	10.59	79	87406	22.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.36%
39) 2-Hexanone-d5	10.93	63	107009	46.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.94%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	207662	22.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.88%
61) 1,2-Dichlorobenzene-d4	13.87	152	309072	23.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.16%

Target Compounds

						Ovalue
3) Chloromethane	2.22	50	253300	20.39	ug/L	99
6) Bromomethane	2.78	94	70515	10.70	ug/L	99
9) Trichlorofluoromethane	3.27	101	181627	14.26	ug/L	99
12) 1,1-Dichloroethene	4.04	96	150436	22.17	ug/L	98
13) Acetone	4.15	43	68125	39.23	ug/L	99
15) Methyl Acetate	4.69	43	144848	36.89	ug/L	95
16) Methylene chloride	4.93	84	122547	10.84	ug/L	92
17) Methyl tert-butyl Ether	5.44	73	497806	33.97	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	74203	10.50	ug/L	93
22) cis-1,2-Dichloroethene	7.18	96	191212	25.08	ug/L	94
23) Bromochloromethane	7.53	128	58386	14.50	ug/L	94
27) 1,2-Dichloroethane	8.41	62	81578	9.63	ug/L	96
30) Cyclohexane	7.96	56	132064	10.20	ug/L	97
31) 1,1,1-Trichloroethane	7.88	97	118826	10.14	ug/L	99
32) Carbon tetrachloride	8.07	117	133007	12.69	ug/L	99
35) Trichloroethene	9.10	95	334136	38.73	ug/L	98
36) Methylcyclohexane	9.34	83	388621	24.36	ug/L	98

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

40) 1,2-Dichloropropane	9.38	63	103682	12.15	ug/L	99
41) Bromodichloromethane	9.65	83	184764	19.65	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	198075	16.72	ug/L	100
44) Toluene	10.40	91	886309	21.27	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	83395	7.76	ug/L	99
47) Tetrachloroethene	10.87	164	350604	41.51	ug/L	98
49) 2-Hexanone	10.98	43	189389	38.90	ug/L	99
50) Dibromochloromethane	11.13	129	140429	18.99	ug/L	97
53) Ethylbenzene	11.74	91	721965	15.40	ug/L	99
54) m,p-Xylene	11.85	106	193165	10.62	ug/L	96
55) o-xylene	12.17	106	216979	12.77	ug/L	99
57) Isopropylbenzene	12.47	105	581189	12.80	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	464136	20.61	ug/L	95
65) 1,2-Dichlorobenzene	13.88	146	221452	10.26	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	32159	17.57	ug/L	97

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

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