

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101119\
 Data File : VN058684.D
 Acq On : 10 Oct 2019 22:58
 Operator : JC/SP
 Sample : K5306-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 391009760.2-VOA

Quant Time: Oct 11 09:06:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.17	128	71265	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	399290	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	353824	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	191231	31.62	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.40%
60) 4-Bromofluorobenzene	12.40	95	178736	28.88	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.27%
63) Toluene-d8	10.08	98	504447	30.20	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.67%

Target Compounds

					Ovalue
8) Diethyl Ether	3.39	74	16001	6.394	ug/l 89
15) Acetone	3.79	58	12712	18.218	ug/l 89
16) Carbon Disulfide	4.03	76	5664	0.521	ug/l # 94
24) Methyl tert-Butyl Ether	5.02	73	34696	2.494	ug/l # 67
30) 2-Butanone	6.80	43	186742	52.576	ug/l # 79
34) Benzene	8.02	78	49598	2.680	ug/l # 24
36) 1,2-Dichloroethane	8.11	62	4548	0.643	ug/l # 89
45) 1,4-Dioxane	9.19	88	5255	60.604	ug/l # 83
58) 4-Methyl-2-Pentanone	9.98	43	71505	11.078	ug/l # 86
62) Toluene	10.15	91	50355	2.646	ug/l 99
64) Chlorobenzene	11.43	112	8244	0.708	ug/l 97
66) Ethyl Benzene	11.51	91	17471	0.829	ug/l 99
67) m/p-Xylenes	11.62	106	69201	8.789	ug/l 97
68) o-Xylene	11.95	106	40907	5.359	ug/l 97
70) Isopropylbenzene	12.25	105	17429	0.846	ug/l 99
76) 1,3,5-Trimethylbenzene	12.74	105	12220	0.692	ug/l 88
80) 1,2,4-Trimethylbenzene	13.04	105	43850	2.500	ug/l 97
84) 1,4-Dichlorobenzene	13.37	146	30503	3.372	ug/l 98
87) 1,2-Dichlorobenzene	13.66	146	3444	0.385	ug/l 91
91) Naphthalene	15.13	128	35248	2.114	ug/l 98

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

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