

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071620\
 Data File : VN062548.D
 Acq On : 16 Jul 2020 15:22
 Operator : JC/MD
 Sample : L3321-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 200715084-02-VOA

Quant Time: Jul 16 18:34:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jul 14 00:52:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	38766	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	208031	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	189652	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	100260	30.11	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.37%
60) 4-Bromofluorobenzene	12.38	95	91107	28.23	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.10%
63) Toluene-d8	10.06	98	264126	29.47	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.23%

Target Compounds

					Ovalue
8) Diethyl Ether	3.37	74	8934	5.490	ug/l 85
12) Methyl Acetate	4.29	43	11567	3.864	ug/l 96
15) Acetone	3.77	58	116471	272.487	ug/l 95
23) tert-Butyl Alcohol	4.73	59	1969793	4227.172	ug/l # 100
24) Methyl tert-Butyl Ether	5.00	73	23164	2.815	ug/l 98
30) 2-Butanone	6.78	43	1293527	691.204	ug/l 99
34) Benzene	8.00	78	40060	3.821	ug/l # 57
62) Toluene	10.13	91	39943	3.712	ug/l 99
64) Chlorobenzene	11.41	112	7140	1.129	ug/l 95
66) Ethyl Benzene	11.48	91	58425	4.904	ug/l 96
67) m/p-Xylenes	11.59	106	33462	7.738	ug/l 96
68) o-Xylene	11.92	106	19698	4.746	ug/l 96
70) Isopropylbenzene	12.22	105	6401	0.575	ug/l 99
76) 1,3,5-Trimethylbenzene	12.71	105	5875	0.619	ug/l 98
80) 1,2,4-Trimethylbenzene	13.01	105	21919	2.348	ug/l 99
82) p-Isopropyltoluene	13.26	119	17951	1.927	ug/l 97
84) 1,4-Dichlorobenzene	13.34	146	12834	2.903	ug/l 94
91) Naphthalene	15.10	128	117833	20.261	ug/l 99

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

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