

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071620\
 Data File : VN062547.D
 Acq On : 16 Jul 2020 14:58
 Operator : JC/MD
 Sample : L3320-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 200715090-01-VOC

Quant Time: Jul 17 08:12:54 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	36663	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	192374	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	172565	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	94929	30.14	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.47%
60) 4-Bromofluorobenzene	12.38	95	77300	26.32	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	87.73%
63) Toluene-d8	10.06	98	243368	29.85	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.50%

Target Compounds

					Ovalue	
8) Diethyl Ether	3.38	74	14504	9.425	ug/l	89
23) tert-Butyl Alcohol	4.73	59	101763	230.910	ug/l #	100
24) Methyl tert-Butyl Ether	4.98	73	5523m	0.710	ug/l	
45) 1,4-Dioxane	9.17	88	7324	183.412	ug/l	98
62) Toluene	10.12	91	5243	0.536	ug/l	96
64) Chlorobenzene	11.41	112	49693	8.638	ug/l	96
66) Ethyl Benzene	11.48	91	5823	0.537	ug/l	98
67) m/p-Xylenes	11.60	106	7488	1.903	ug/l	95
68) o-Xylene	11.92	106	9445	2.501	ug/l	99
70) Isopropylbenzene	12.22	105	6726	0.664	ug/l	99
75) 2-Chlorotoluene	12.65	91	2887	0.398	ug/l	65
80) 1,2,4-Trimethylbenzene	13.01	105	5224	0.615	ug/l	91
82) p-Isopropyltoluene	13.26	119	2328	0.275	ug/l	89
84) 1,4-Dichlorobenzene	13.34	146	22477	5.587	ug/l	98
87) 1,2-Dichlorobenzene	13.63	146	1840	0.469	ug/l	94
91) Naphthalene	15.10	128	13768	2.602	ug/l	99

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

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